

17-5

Current Data Parameters
NAME xm-1-135
EXPNO 40
PROCNO 2

F2 - Acquisition Parameters

Date_ 20010824
Time 16.09
INSTRUM spect
PROBHD 5 mm QNP 1H
PULPROG jvert
TD 65536
SOLVENT CDCl3
NS 88
DS 0
SNH 27173.912 Hz
FIDRES 0.414641 Hz
AQ 1.2059124 sec
RG 6502
DN 18.400 usec
DE 4.50 usec
TE 300.0 K
D1 6.00000000 sec
D11 0.03000000 sec
D13 0.00000300 sec
D20 0.00700000 sec

===== CHANNEL f1 =====

NUC1 13C
P1 10.50 usec
P2 21.00 usec
PL1 0.00 dB
SF01 100.6242995 MHz

===== CHANNEL f2 =====

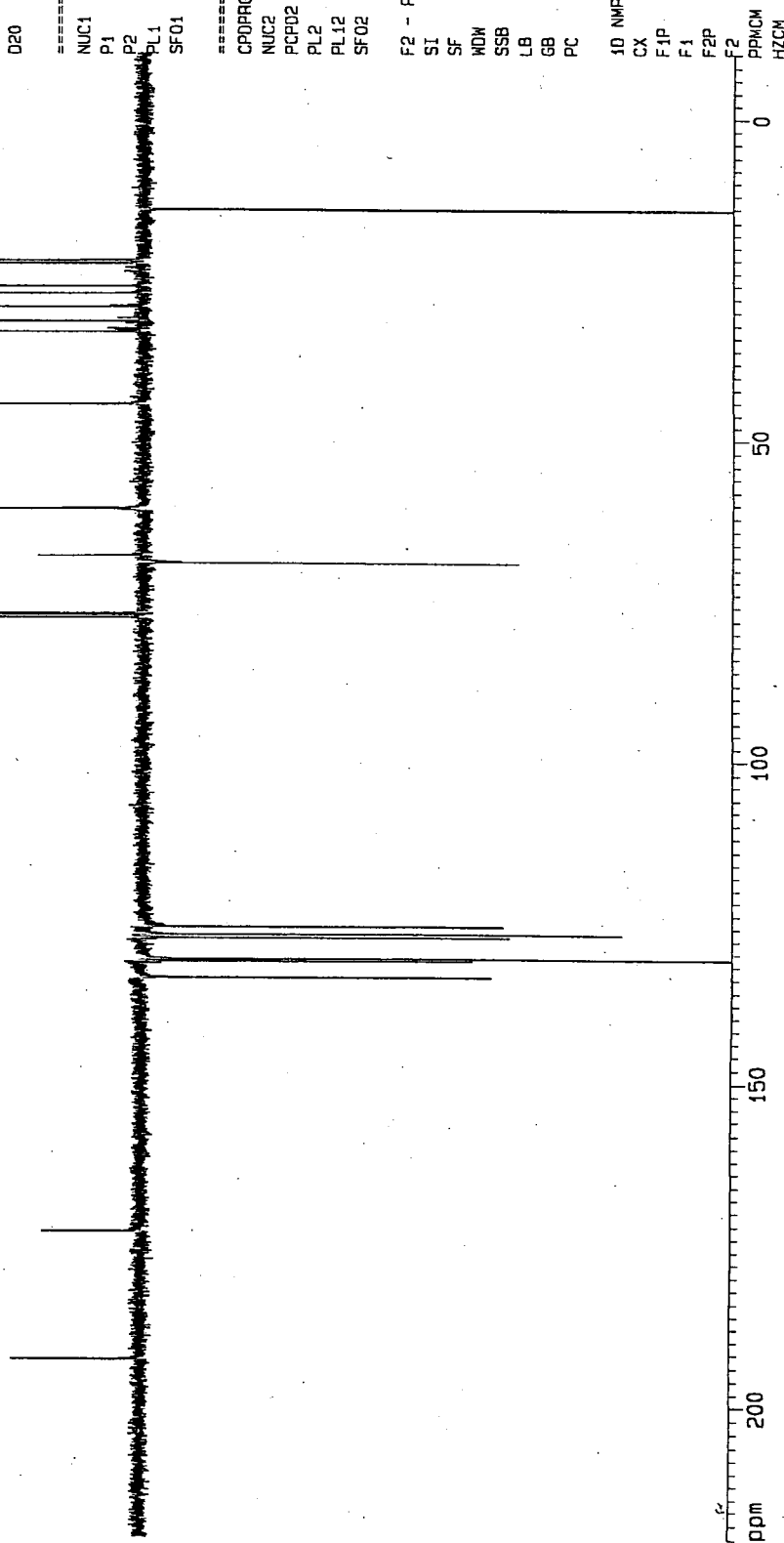
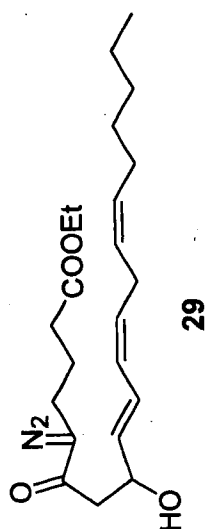
CPDPRG2 waltz16
NUC2 1H
PCPD2 95.00 usec
PL2 120.00 dB
PL12 18.00 dB
SF02 400.1320007 MHz

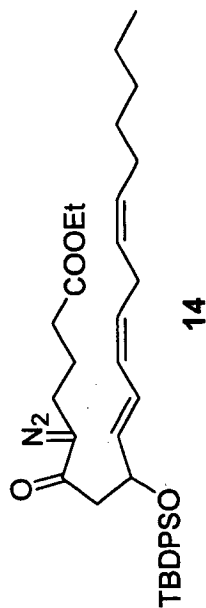
F2 - Processing parameters

SI 32768
SF 100.6127617 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.00

1D NMR plot parameters

CX 20.00 cm
F1P 220.000 ppm
F1 22134.81 Hz
F2P -10.000 ppm
F2 -1006.13 Hz
PPMCM 11.50000 ppm/cm
HZCM 1157.04675 Hz/cm





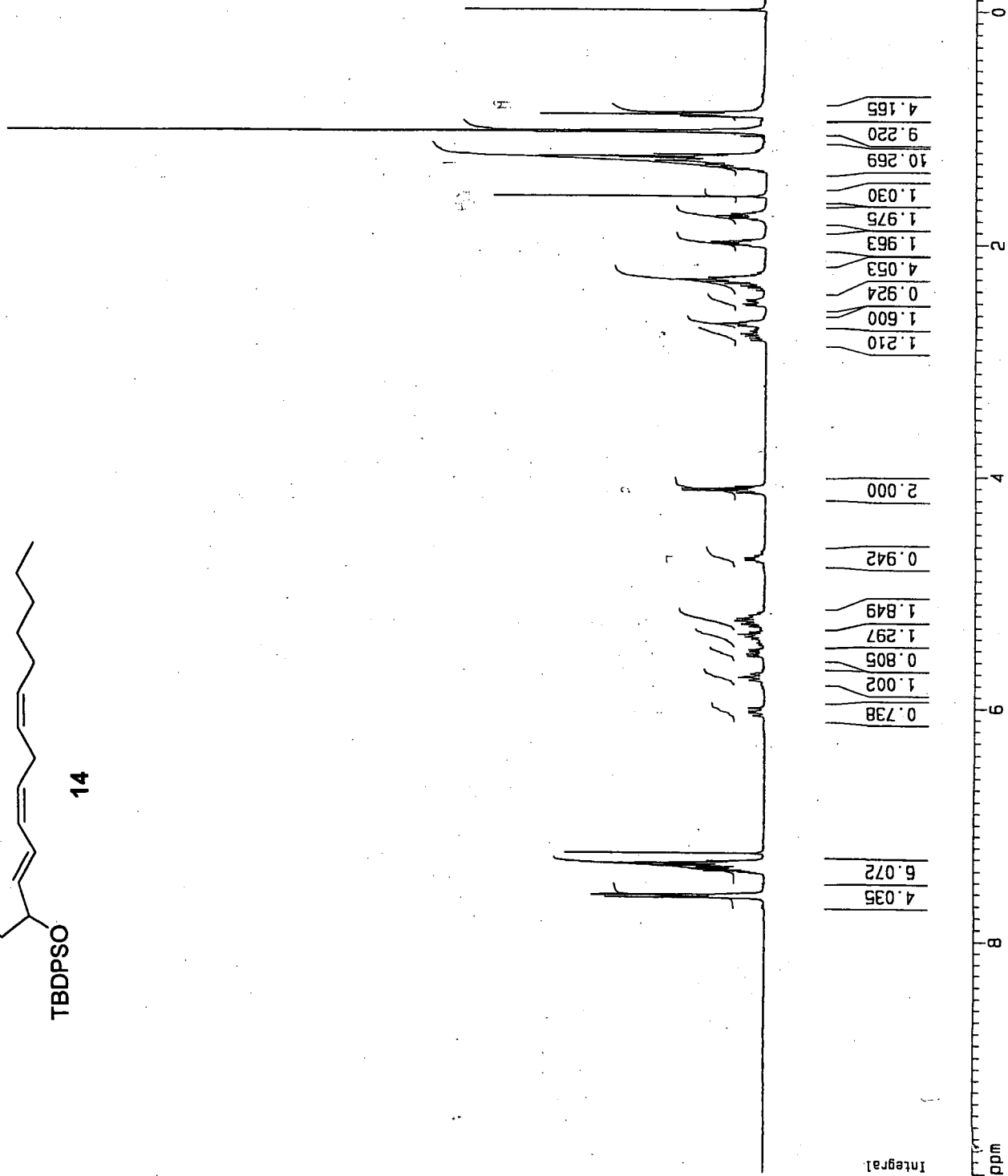
Current Data Parameters
 NAME xm-1-23f1
 EXPNO 10
 PROCNO 2

F2 - Acquisition Parameters
 Date_ 20010626
 Time 11:51
 INSTRUM spect
 PROBHD 5 mm QNP 1H
 PULPROG zg
 TD 32768
 SOLVENT CDCl3
 NS 16
 DS 0
 SWH 5592.841 Hz
 FIDRES 0.170680 Hz
 AQ 2.9295092 sec
 RG 57
 DW 89.400 usec
 DE 4.50 usec
 TE 300.0 K
 D1 5.0000000 sec

===== CHANNEL f1 =====
 NUC1 1H
 P1 9.00 usec
 PL1 0.00 dB
 SF01 400.1320007 MHz

F2 - Processing parameters
 SI 16384
 SF 400.1300088 MHz
 WDW EM
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 F1P 10.000 ppm
 F1 4001.30 Hz
 F2P -0.500 ppm
 F2 -200.07 Hz
 PPMCM 0.52500 ppm/cm
 HZCM 210.06825 Hz/cm



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Current Data Parameters
NAME xm-j-38
EXPNO 40
PROCNO 2

F2 - Acquisition Parameters

Date_ 20010704
Time 12.44
INSTRUM spect
PROBHD 5 mm QNP 1H
PULPROG lvert
TD 65536
SOLVENT CDCl3
NS 174
DS 0
SMH 27173.912 Hz
FIDRES 0.414641 Hz
AQ 1.2059124 sec
RG 9195.2
DM 18.400 usec
DE 4.50 usec
TE 300.0 K
D1 6.00000000 sec
D11 0.03000000 sec
D13 0.00000300 sec
D20 0.00700000 sec

===== CHANNEL f1 =====
NUC1 13C
P1 10.50 usec
P2 21.00 usec
PL1 0.00 dB
SF01 100.6242995 MHz

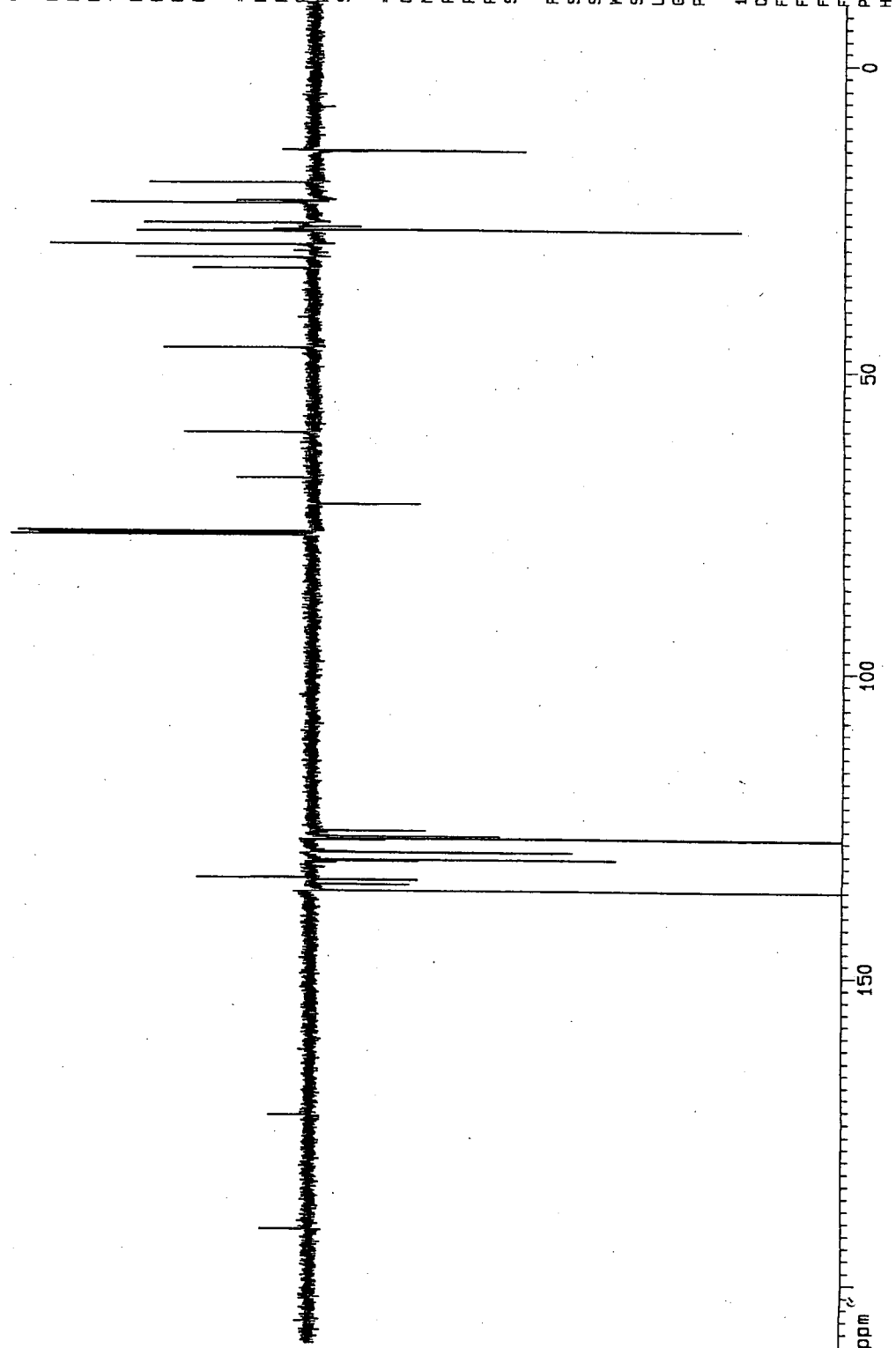
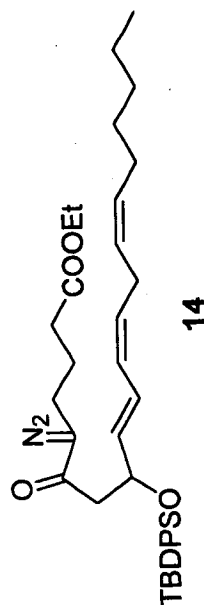
===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 95.00 usec
PL2 120.00 dB
PL12 18.00 dB
SF02 400.1320007 MHz

F2 - Processing parameters

SI 32768
SF 100.6127518 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.00

1D NMR plot parameters

CX 20.00 cm
F1P 210.000 ppm
F1 21128.68 Hz
F2P -10.000 ppm
F2 -1006.13 Hz
PPMCM 11.00000 ppm/cm
HZCM 1106.74036 Hz/cm



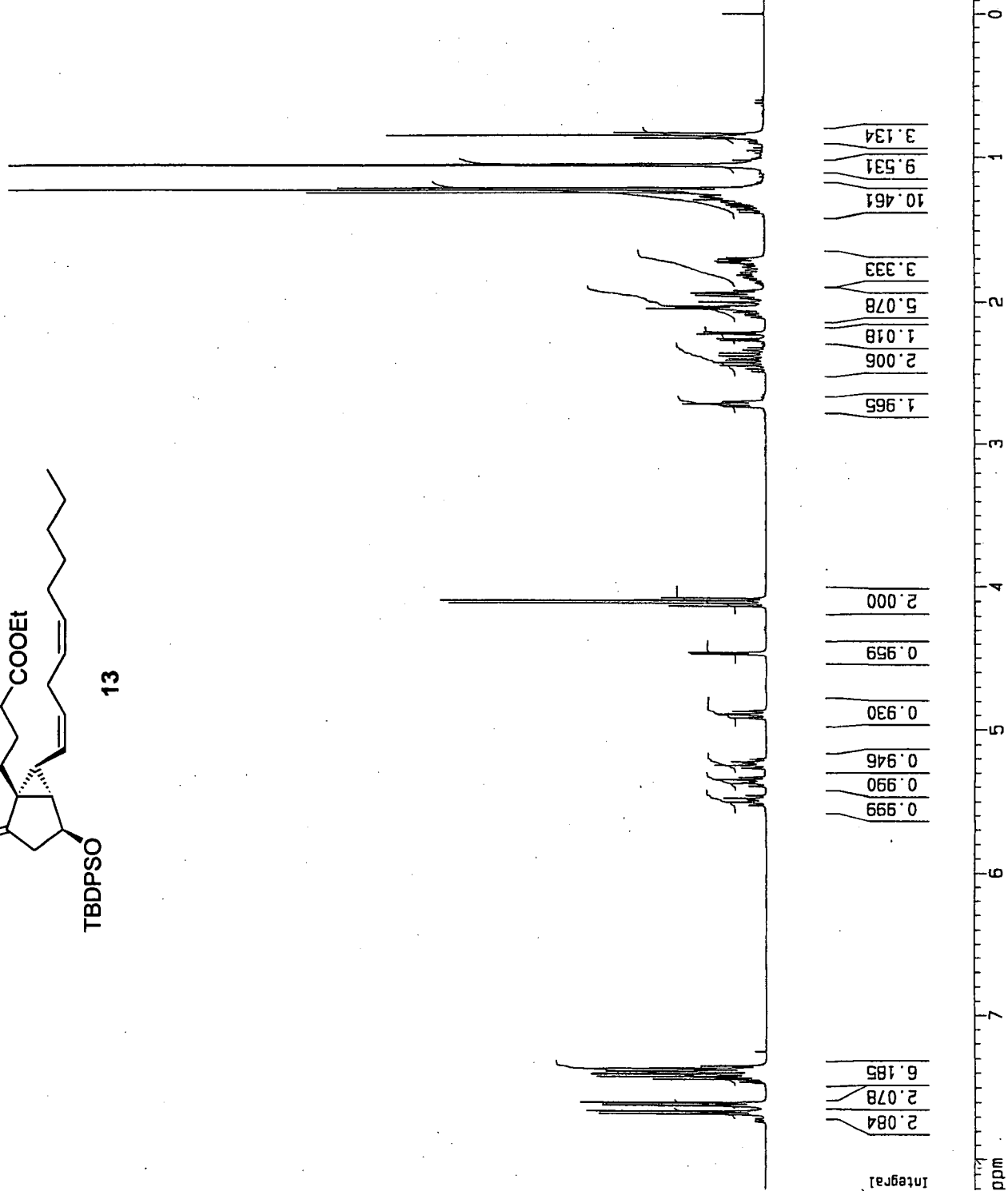
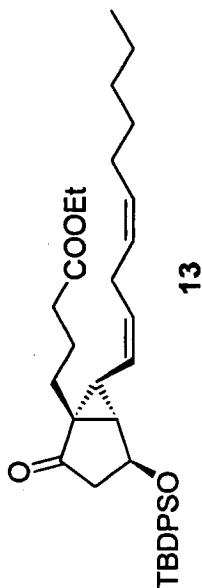
Current Data Parameters
 NAME xm-1-54f1
 EXPNO 10
 PROCNO 2

F2 - Acquisition Parameters
 Date_ 20010711
 Time 17.58
 INSTRUM spect
 PROBHD 5 mm QNP 1H
 PULPROG zg
 TD 32768
 SOLVENT CDCl3
 NS 14
 DS 0
 SWH 5592.841 Hz
 FIDRES 0.170680 Hz
 AQ 2.9295092 sec
 RG 8
 DW 89.400 usec
 DE 4.50 usec
 TE 300.0 K
 D1 5.0000000 sec

===== CHANNEL f1 =====
 NUC1 1H
 P1 9.00 usec
 PL1 0.00 dB
 SF01 400.1320007 MHz

F2 - Processing parameters
 SI 16384
 SF 400.1300102 MHz
 WDW EM
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 F1P 8.207 ppm
 F1 3283.81 Hz
 F2P -0.285 ppm
 F2 -113.84 Hz
 ppmCM 0.42457 ppm/cm
 HZCM 169.88254 Hz/cm



Current Data Parameters
 NAME xm-1-54
 EXPNO 40
 PROCNO 2

F2 - Acquisition Parameters

Date_ 20010712
 Time 22.03
 INSTRUM spect
 PROBHD 5 mm QNP 1H
 PULPROG iver
 TD 65536
 SOLVENT CDCl3
 NS 96
 DS 0
 SWH 27173.912 Hz
 FIDRES 0.414641 Hz
 AQ 1.2059124 sec
 RG 9195.2
 DW 18.400 usec
 DE 4.50 usec
 TE 300.0 K
 D1 6.00000000 sec
 D11 0.03000000 sec
 D13 0.00000300 sec
 D20 0.00700000 sec

CHANNEL f1

NUC1 13C
 P1 10.50 usec
 P2 21.00 usec
 PL1 0.00 dB
 SF01 100.6242995 MHz

CHANNEL f2

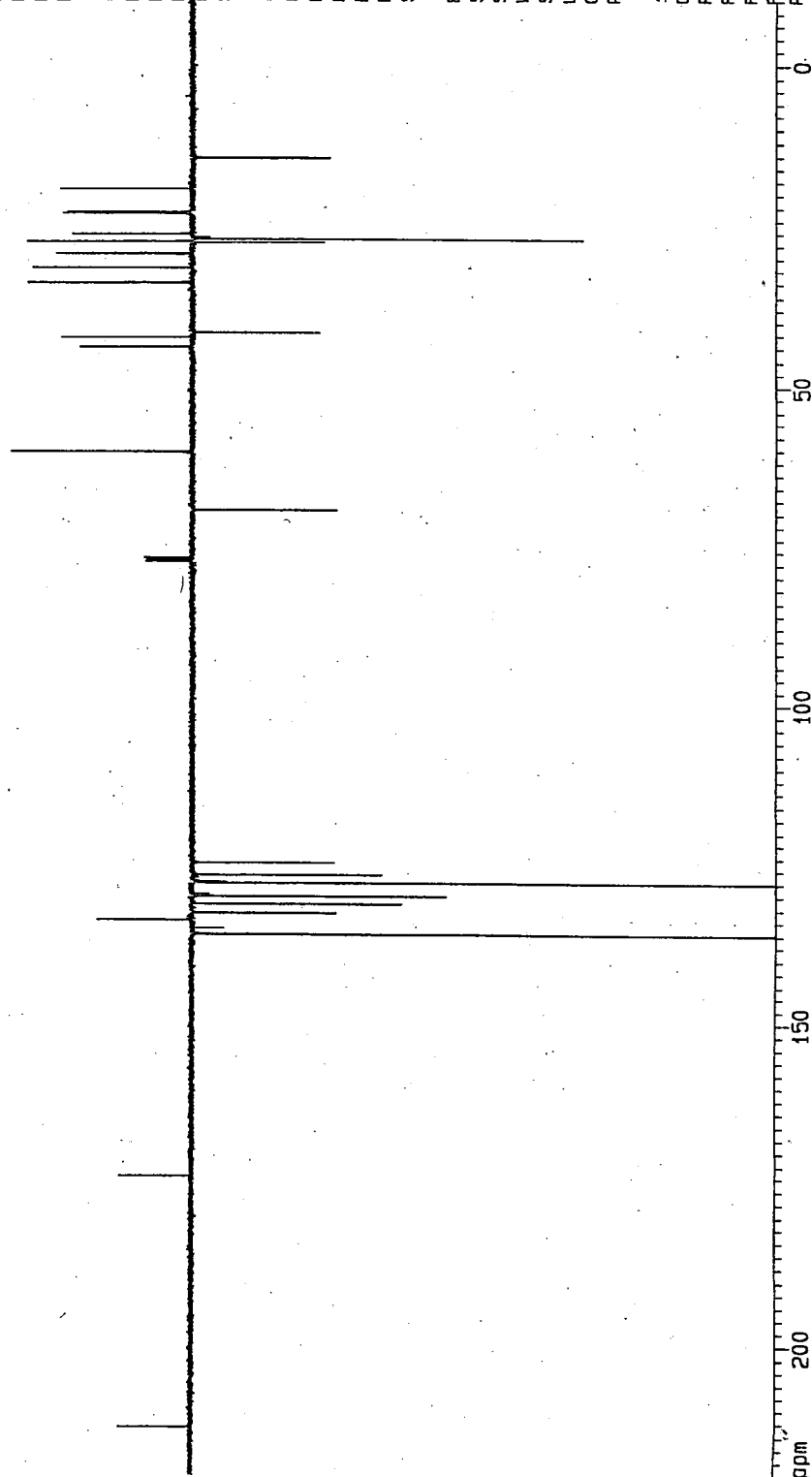
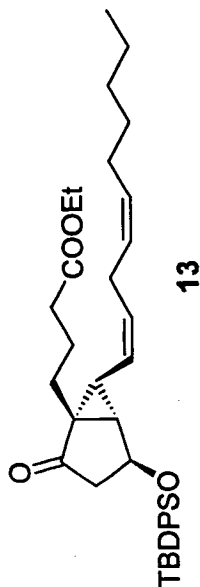
CPDPRG2 waltz16
 NUC2 1H
 PCPD2 95.00 usec
 PL2 120.00 dB
 PL12 18.00 dB
 SF02 400.1320007 MHz

F2 - Processing parameters

SI 32768
 SF 100.6127567 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters

CX 20.00 cm
 F1P 220.000 ppm
 F1 22134.80 Hz
 F2P -10.000 ppm
 F2 -1006.13 Hz
 PPMCM 11.50000 ppm/cm
 HZCM 1157.04663 Hz/cm



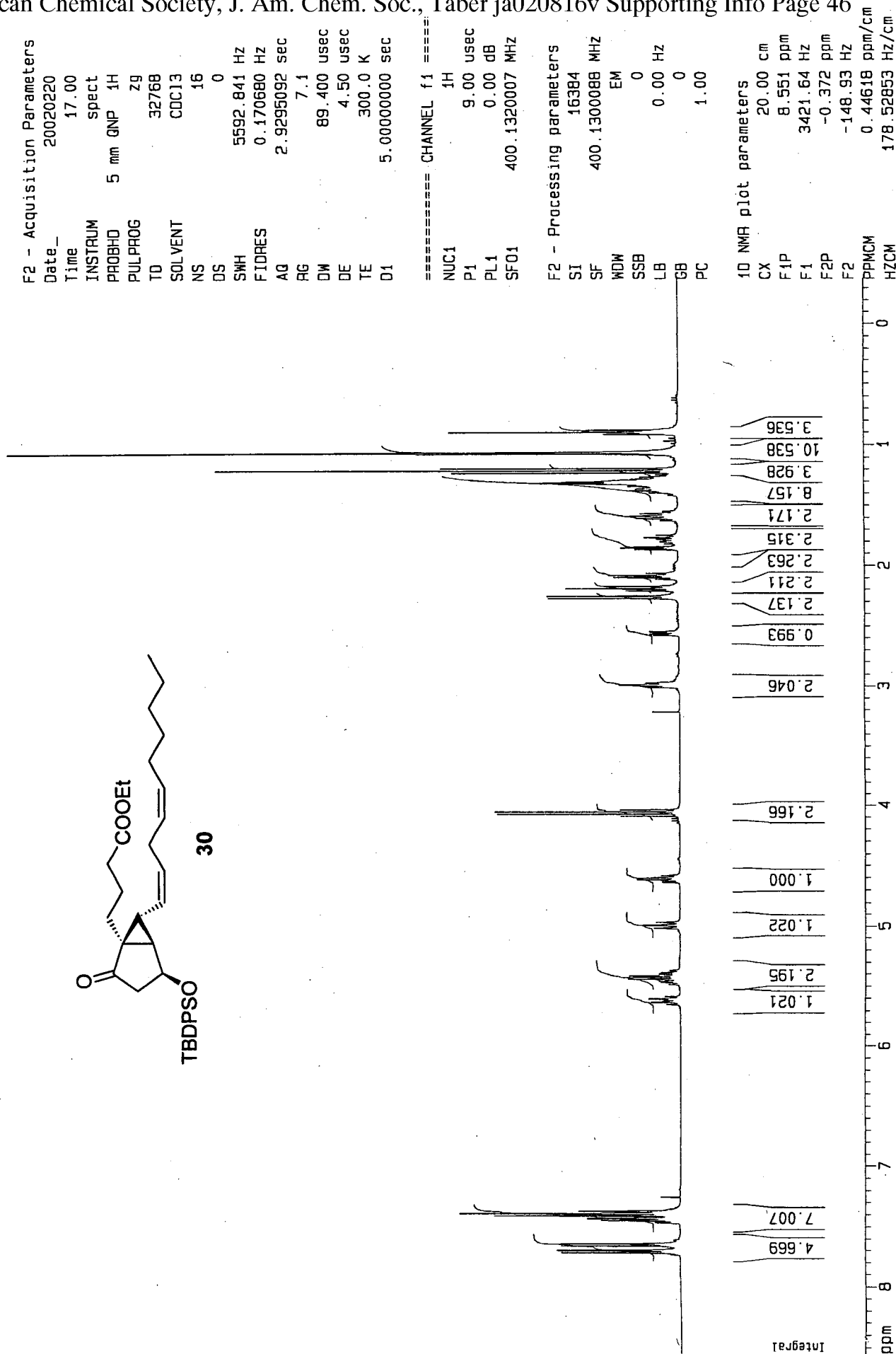
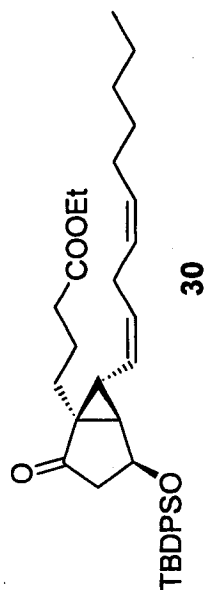
Current Data Parameters
 NAME xm-2-247f2
 EXPNO 10
 PROCNO 2

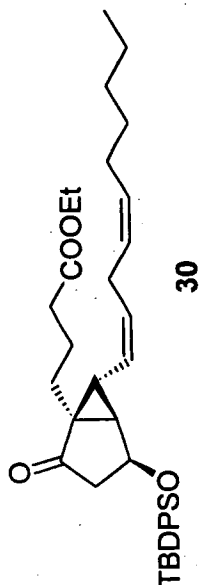
F2 - Acquisition Parameters
 Date_ 20020220
 Time 17.00
 INSTRUM spect
 PROBHD 5 mm QNP 1H
 PULPROG zg
 TO 32768
 SOLVENT CDCl3
 NS 16
 DS 0
 SWH 5592.841 Hz
 FIDRES 0.170680 Hz
 AQ 2.9295092 sec
 RG 7.1
 DW 89.400 usec
 DE 4.50 usec
 TE 300.0 K
 D1 5.0000000 sec

===== CHANNEL f1 =====
 NUC1 1H
 P1 9.00 usec
 PL1 0.00 dB
 SF01 400.1320007 MHz

F2 - Processing parameters
 SI 16384
 SF 400.1300088 MHz
 WDW EM
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 F1P 8.551 ppm
 F1 3421.64 Hz
 F2P -0.372 ppm
 F2 -148.93 Hz
 ppm/cm 0.44618
 HZ/cm 178.52853





Current Data Parameters
NAME xm-2-247f2
EXPNO 40
PROCNO 2

F2 - Acquisition Parameters

Date_ 20020220
Time 17.06
INSTRUM spect
PROBHD 5 mm GNP 1H
PULPROG jvert
TD 65536
SOLVENT CDCl3
NS 44
DS 0
SWH 27173.912 Hz
FIDRES 0.414641 Hz
AQ 1.2059124 sec
RG 10321.3
DN 18.400 usec
DE 4.50 usec
TE 300.0 K
D1 6.00000000 sec
D11 0.03000000 sec
D13 0.00000300 sec
D20 0.00700000 sec

===== CHANNEL f1 =====
NUC1 13C
P1 10.50 usec
P2 21.00 usec
PL1 0.00 dB
SF01 100.6242995 MHz

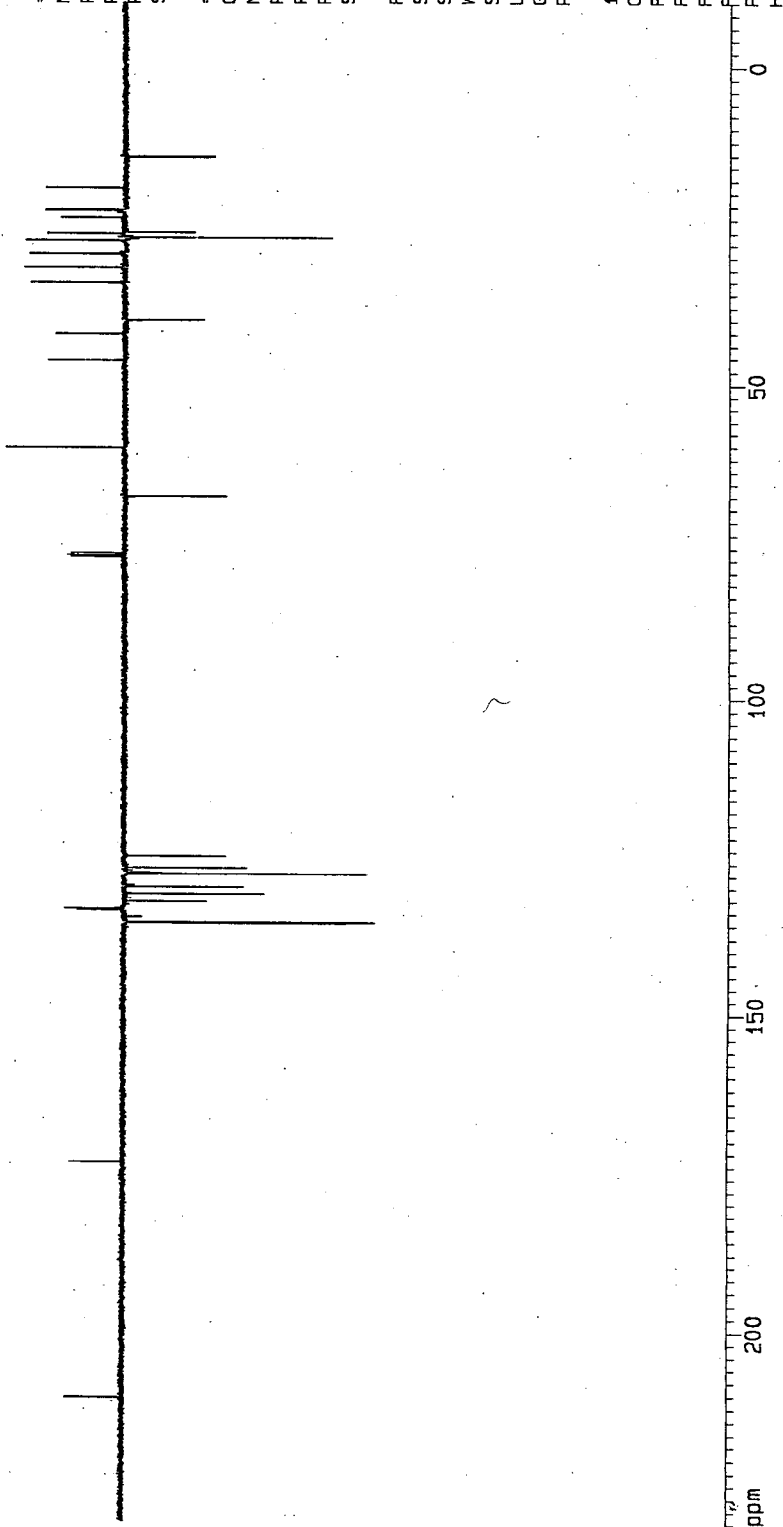
===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 95.00 usec
PL2 120.00 dB
PL12 18.00 dB
SF02 400.1320007 MHz

F2 - Processing parameters

SI 32768
SF 100.6127584 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.00

1D NMR plot parameters

CX 20.00 cm
F1P 230.000 ppm
F1 231.40.93 Hz
F2P -10.000 ppm
F2 -1006.13 Hz
P1MCM 12.00000 ppm/cm
HZCM 1207.35303 Hz/cm



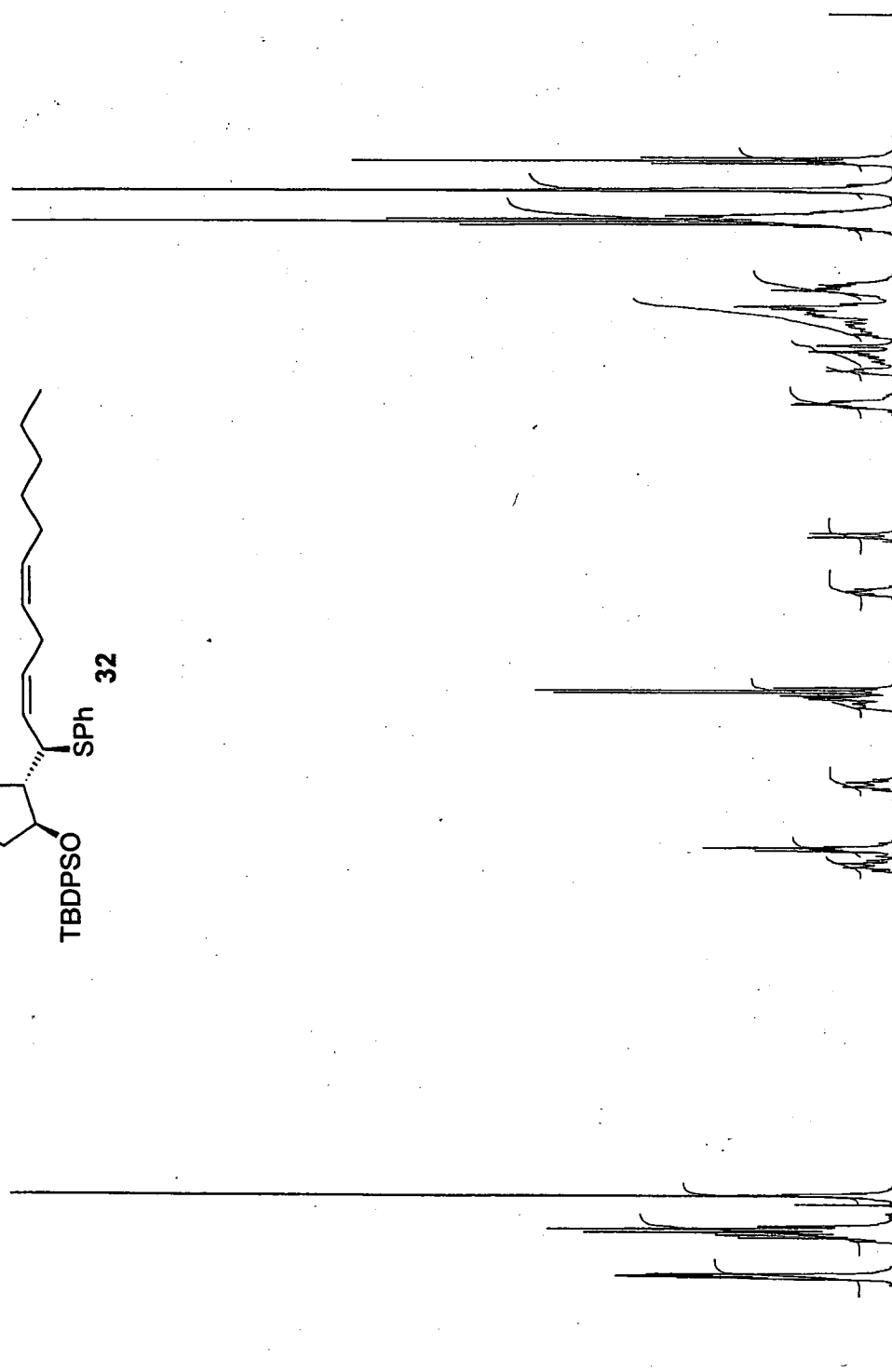
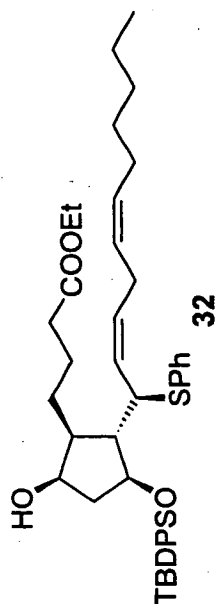
Current Data Parameters
 NAME xm-1-169f3
 EXPNO 10
 PROCNO 2

F2 - Acquisition Parameters
 Date_ 20010831
 Time 17.07
 INSTRUM spect
 PROBHD 5 mm QNP 1H
 PULPROG zg
 TD 32768
 SOLVENT CDCl3
 NS 16
 DS 0
 SWH 5592.841 Hz
 FIDRES 0.170680 Hz
 AQ 2.9295092 sec
 RG 18
 DW 89.400 usec
 DE 4.50 usec
 TE 300.0 K
 D1 5.00000000 sec

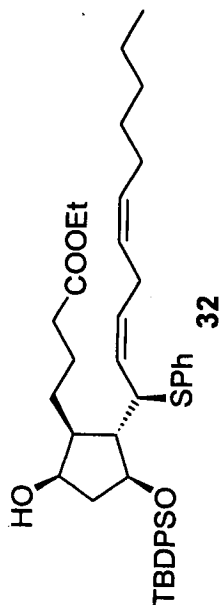
===== CHANNEL f1 =====
 NUC1 1H
 P1 9.00 usec
 PL1 0.00 dB
 SF01 400.1320007 MHz

F2 - Processing parameters
 SI 16384
 SF 400.1300119 MHz
 WDW EM
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 F1P 8.256 ppm
 F1 3303.64 Hz
 F2P -0.352 ppm
 F2 -140.96 Hz
 PPMCM 0.43043 ppm/cm
 HZCM 172.22987 Hz/cm



Chemical Shift (ppm)	Integration
7.167	4.703
5.752	5.752
2.199	1.101
1.101	2.199
0.995	0.995
0.932	0.932
3.549	3.549
1.000	1.000
1.028	1.028
2.319	2.319
1.116	1.116
2.261	2.261
7.483	7.483
3.512	3.512
11.602	11.602
10.894	10.894
3.994	3.994



Current Data Parameters
 NAME xm-1-169f3
 EXPNO 40
 PROCNO 2

F2 - Acquisition Parameters

Date_ 20010831
 Time 17.15
 INSTRUM spect
 PROBHD 5 mm QNP 1H
 PULPROG jvert
 TD 65536
 SOLVENT CDCl3
 NS 49
 DS 0
 SMH 27173.912 Hz
 FIDRES 0.414641 Hz
 AQ 1.2059124 sec
 RG 6502
 DM 18.400 usec
 DE 4.50 usec
 TE 300.0 K
 D1 5.00000000 sec
 D11 0.03000000 sec
 D13 0.00000300 sec
 D20 0.00700000 sec

===== CHANNEL f1 =====
 NUC1 13C
 P1 10.50 usec
 P2 21.00 usec
 PL1 0.00 dB
 SF01 100.6242995 MHz

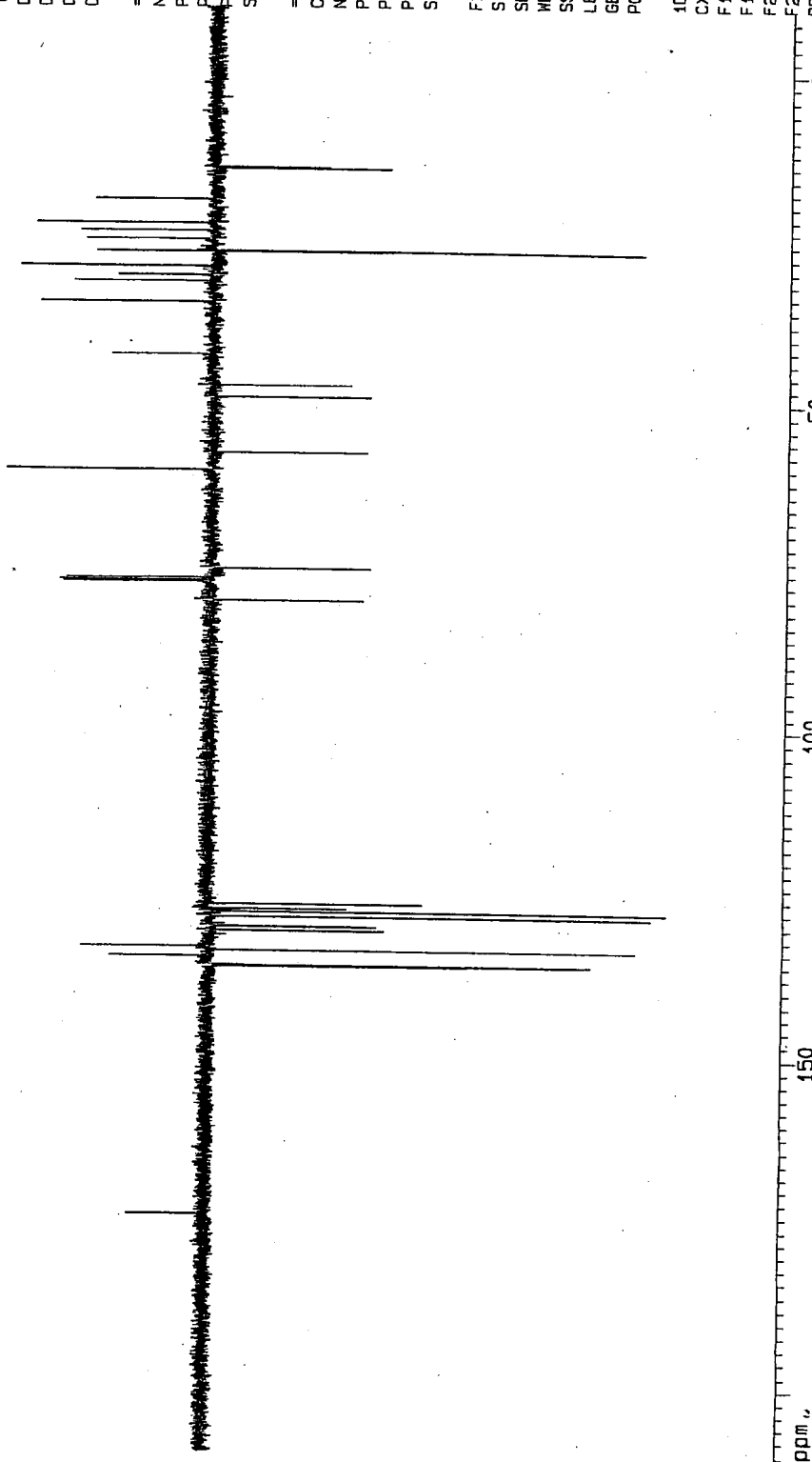
===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 95.00 usec
 PL2 120.00 dB
 PL12 18.00 dB
 SF02 400.1320007 MHz

F2 - Processing parameters

SI 32768
 SF 100.6127534 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters

CX 20.00 cm
 F1P 210.000 ppm
 F1 21128.68 Hz
 F2P -10.000 ppm
 F2 -1005.13 Hz
 PPMCM 11.00000 ppm/cm
 HZCM 1105.74036 Hz/cm



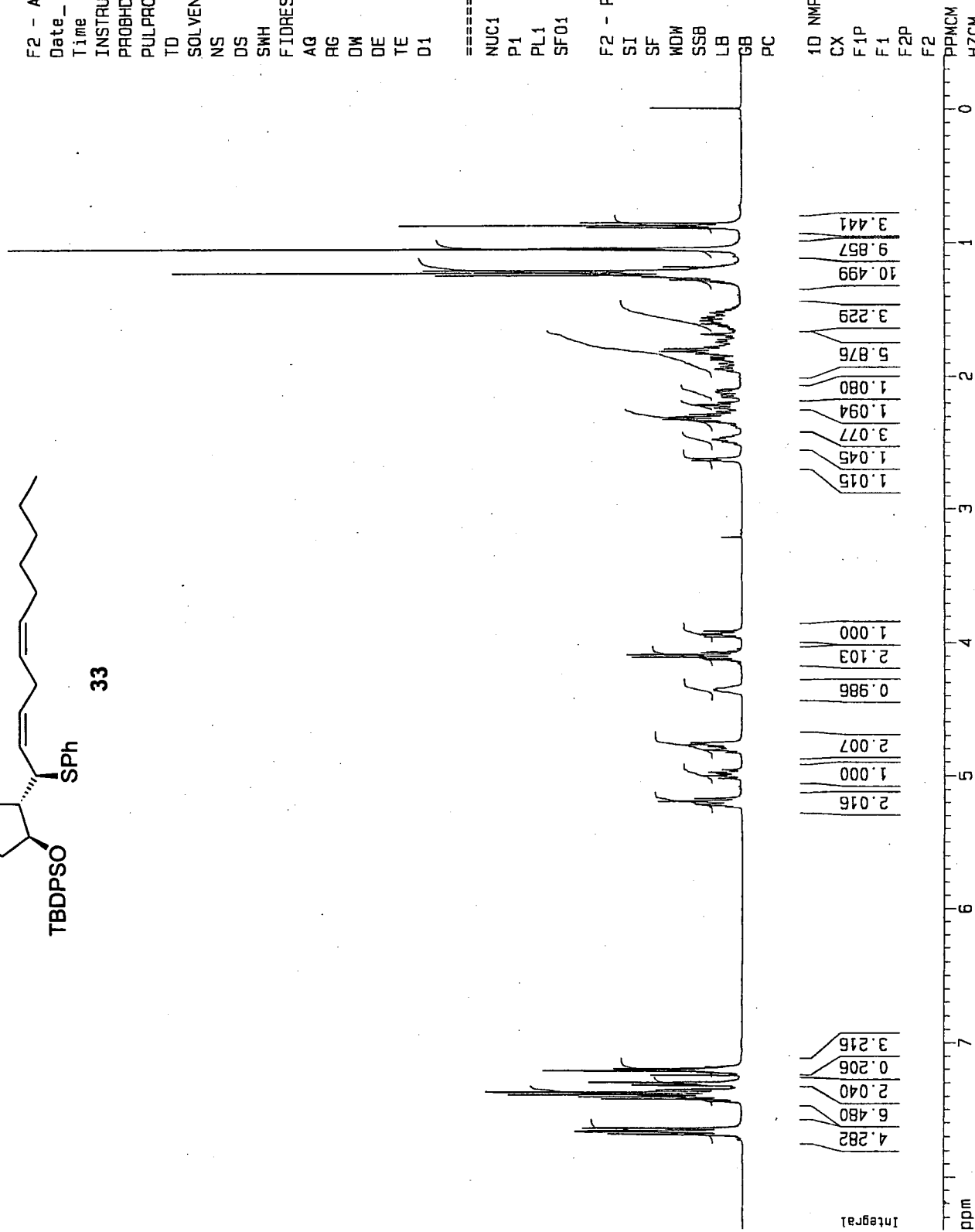
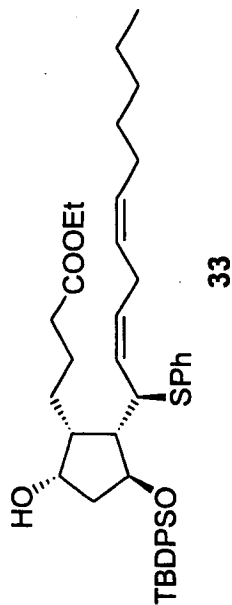
Current Data Parameters
 NAME xm-1-169f2
 EXPNO 10
 PROCNO 2

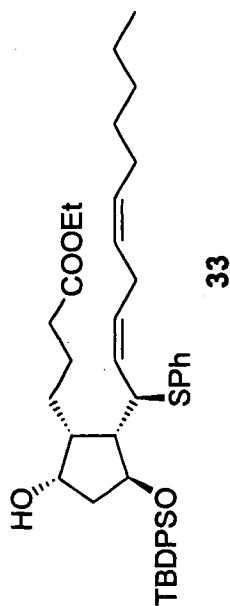
F2 - Acquisition Parameters
 Date_ 20010831
 Time 15.07
 INSTRUM spect
 PROBHD 5 mm QNP 1H
 PULPROG zg
 TD 32768
 SOLVENT CDCl3
 NS 16
 DS 0
 SWH 5592.841 Hz
 FIDRES 0.170680 Hz
 AQ 2.9295092 sec
 RG 16
 DW 89.400 usec
 DE 4.50 usec
 TE 300.0 K
 D1 5.00000000 sec

===== CHANNEL f1 =====
 NUC1 1H
 P1 9.00 usec
 PL1 0.00 dB
 SF01 400.1320007 MHz

F2 - Processing parameters
 SI 16384
 SF 400.1300139 MHz
 WDW EM
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 F1P 8.390 ppm
 F1 3357.15 Hz
 F2P -0.404 ppm
 F2 -161.53 Hz
 PPMCM 0.43969 ppm/cm
 HZCM 175.93375 Hz/cm





Current Data Parameters
NAME , xm-1-169f2
EXPNO 40
PROCNO 2

F2 - Acquisition Parameters

Date_ 20010831
Time 15.14
INSTRUM spect
PROBHD 5 mm QNP 1H
PULPROG jvert
TD 65536
SOLVENT CDCl3
NS 84
DS 0
SWH 27173.912 Hz
FIDRES 0.414641 Hz
AQ 1.2059124 sec
RG 6502
DK 18.400 usec
DE 4.50 usec
TE 300.0 K
D1 6.00000000 sec
D11 0.03000000 sec
D13 0.00000300 sec
D20 0.00700000 sec

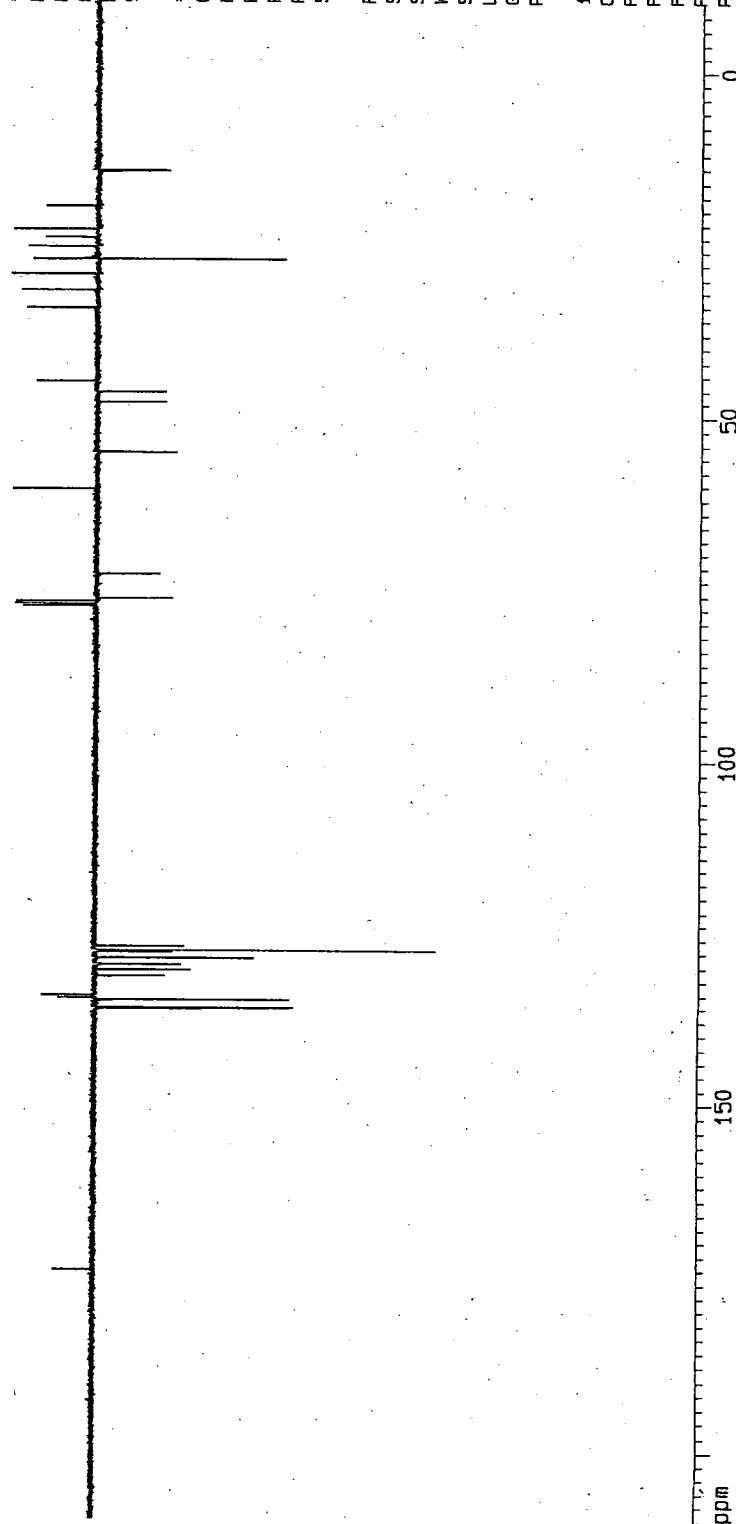
===== CHANNEL f1 =====
NUC1 13C
P1 10.50 usec
P2 21.00 usec
PL1 0.00 dB
SF01 100.6242995 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 95.00 usec
PL2 120.00 dB
PL12 18.00 dB
SF02 400.1320007 MHz

F2 - Processing parameters

SF 32768
SF 100.6127534 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.00

1D NMR plot parameters
CX 20.00 cm
F1P 210.000 ppm
F1 21128.68 Hz
F2P -10.000 ppm
F2 -1006.13 Hz
PNUC1 11.00000 ppm/cm
HZCM 1106.74036 Hz/cm

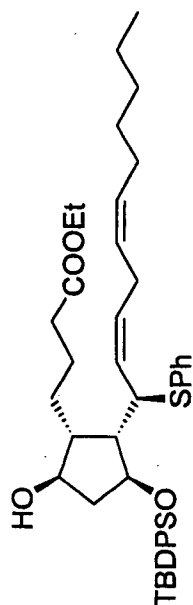


Current Data Parameters
 NAME xm-2-195f3
 EXPNO 10
 PROCNO 2

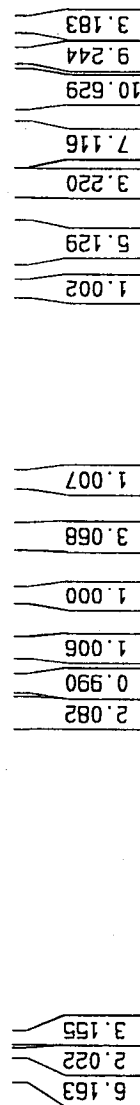
F2 - Acquisition Parameters
 Date_ 20020123
 Time 14.50
 INSTRUM spect
 PROBHD 5 mm GNP 1H
 PULPROG zg
 TD 32768
 SOLVENT CDCl3
 NS 16
 DS 0
 SWH 5592.841 Hz
 FIDRES 0.170680 Hz
 AQ 2.9295092 sec
 RG 64
 DW 89.400 usec
 DE 4.50 usec
 TE 300.0 K
 D1 5.0000000 sec

===== CHANNEL f1 =====
 NUC1 1H
 P1 9.00 usec
 PL1 0.00 dB
 SFO1 400.1320007 MHz
 F2 - Processing parameters
 SI 16384
 SF 400.1300059 MHz
 WDW EM
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 F1P 9.000 ppm
 F1 3601.17 Hz
 F2P -0.500 ppm
 F2 -200.07 Hz
 PPMCM 0.47500 ppm/cm
 HZCM 190.06175 Hz/cm



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Integral



Current Data Parameters
 NAME xm-1-169f4
 EXPNO 40
 PROCNO 2

F2 - Acquisition Parameters

Date_ 20010831
 Time 14.56
 INSTRUM spect
 PROBHD 5 mm QNP 1H
 PULPROG jvert
 TD 65536
 SOLVENT CDCl3
 NS 107
 DS 0
 SMH 27173.912 Hz
 FIDRES 0.414641 Hz
 AQ 1.2059124 sec
 RG 6502
 DM 18.400 usec
 DE 4.50 usec
 TE 300.0 K
 D1 6.00000000 sec
 D11 0.03000000 sec
 D13 0.00000300 sec
 D20 0.00700000 sec

===== CHANNEL f1 =====

NUC1 13C
 P1 10.50 usec
 P2 21.00 usec
 PL1 0.00 dB
 SF01 100.6242995 MHz

===== CHANNEL f2 =====

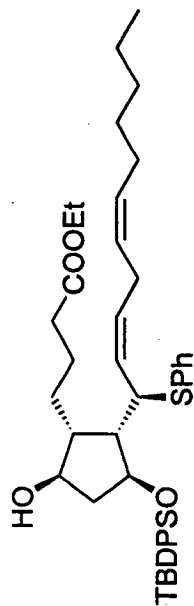
CPDPRG2 waltz16
 NUC2 1H
 PCPD2 95.00 usec
 PL2 120.00 dB
 PL12 18.00 dB
 SF02 400.1320007 MHz

F2 - Processing parameters

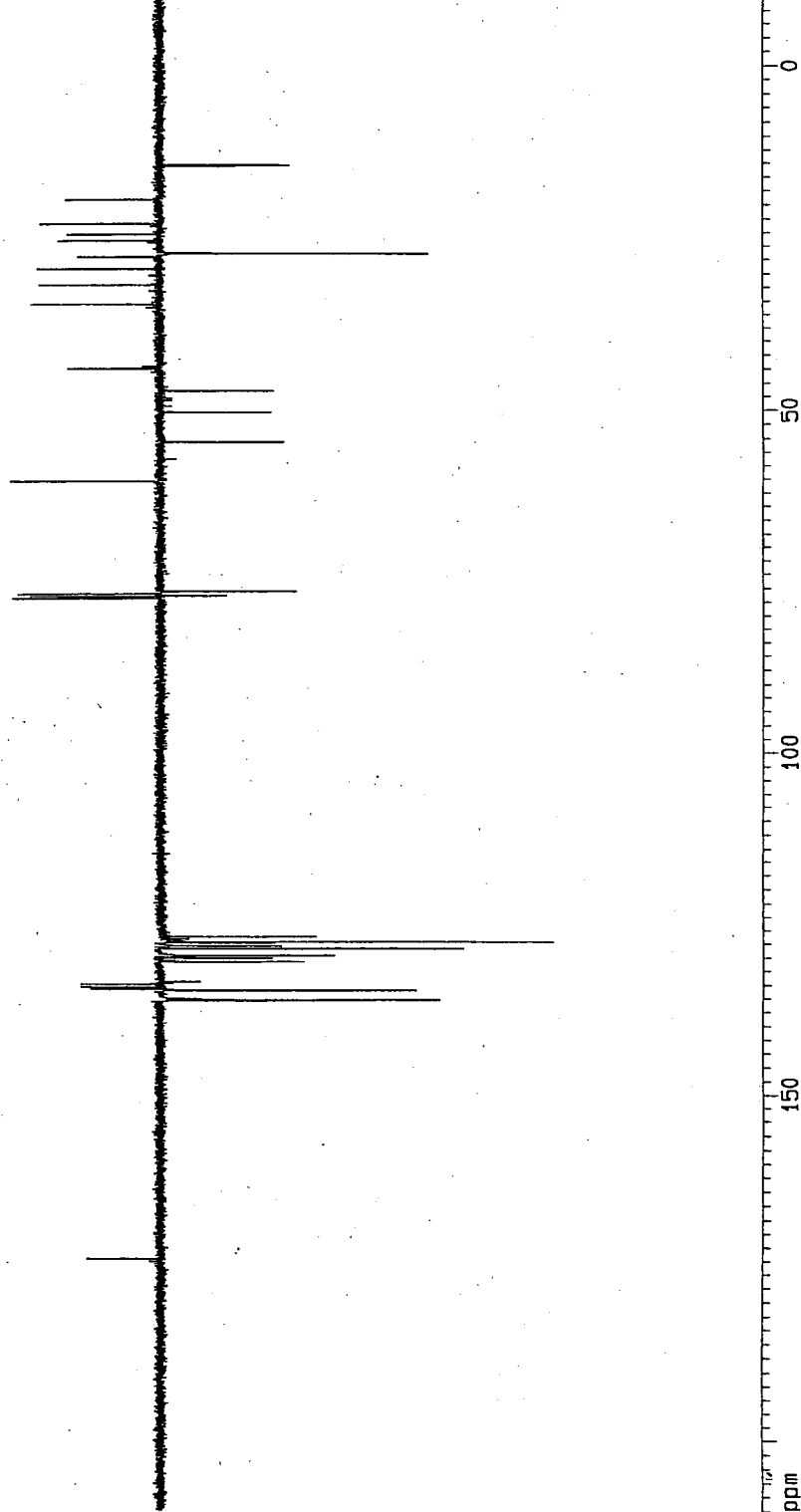
SI 32768
 SF 100.6127534 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.00

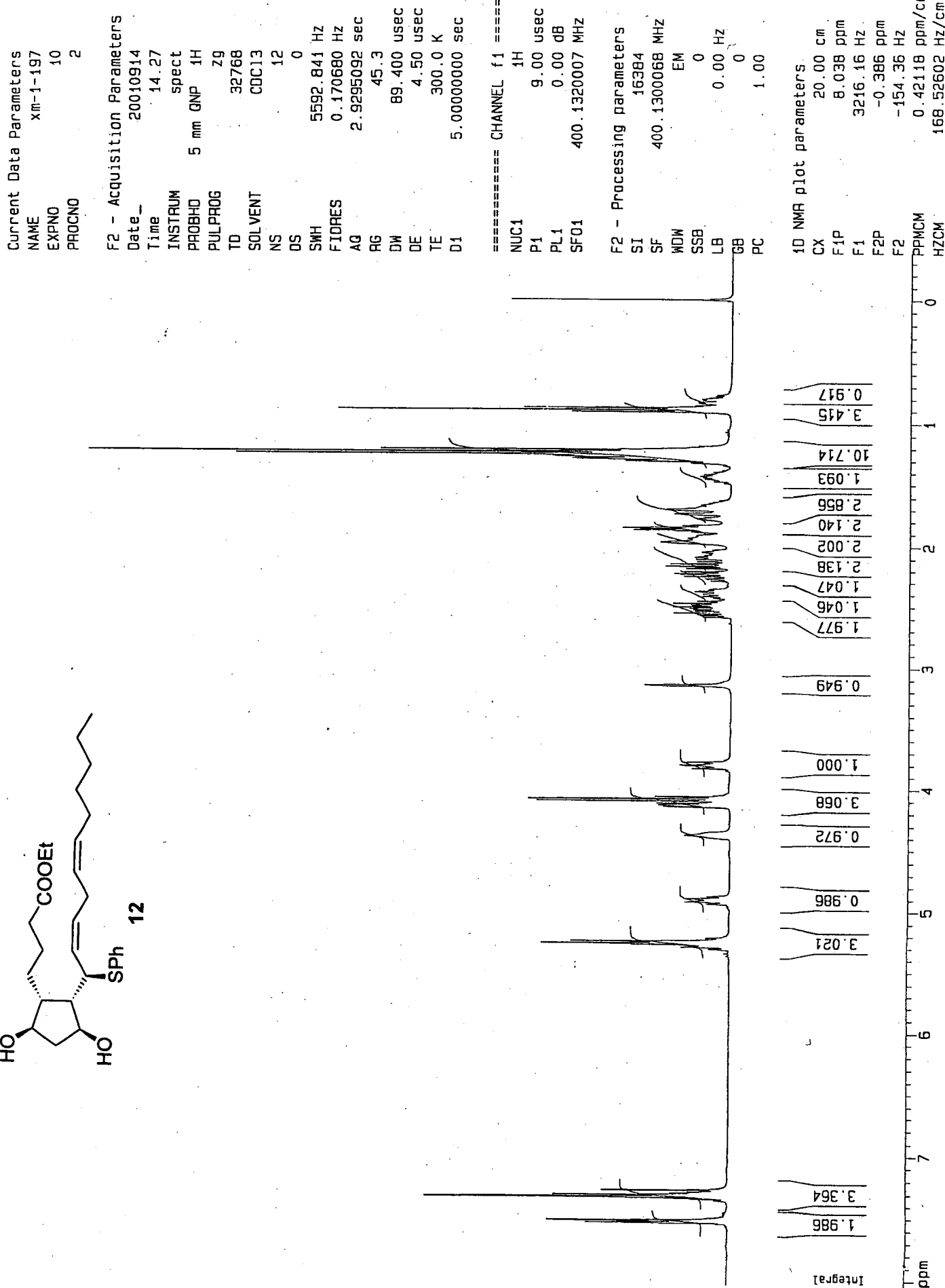
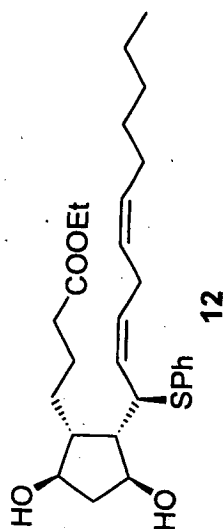
1D NMR plot parameters

CX 20.00 cm
 F1P 210.000 ppm
 F1 21128.68 Hz
 F2P -10.000 ppm
 F2 -1006.13 Hz
 PPMCM 11.00000 ppm/cm
 HZCM 1105.74036 Hz/cm



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Current Data Parameters
 NAME xm-1-197
 EXPNO 40
 PROCNO 2

F2 - Acquisition Parameters

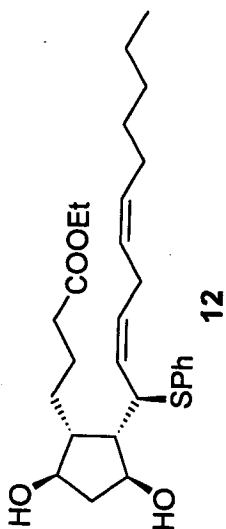
Date_ 20010914
 Time 14.33
 INSTRUM spect
 PROBHD 5 mm QNP 1H
 PULPROG zgpg30
 TO 65536
 SOLVENT CDCl3
 NS 58
 DS 0
 SWH 27173.912 Hz
 FIDRES 0.414641 Hz
 AQ 1.2059124 sec
 RG 6502
 DM 18.400 usec
 DE 4.50 usec
 TE 300.0 K
 D1 6.00000000 sec
 D11 0.03000000 sec
 D13 0.00000300 sec
 D20 0.00700000 sec

===== CHANNEL f1 =====
 NUC1 13C
 P1 10.50 usec
 PL1 21.00 usec
 PL2 0.00 dB
 SF01 100.6242995 MHz

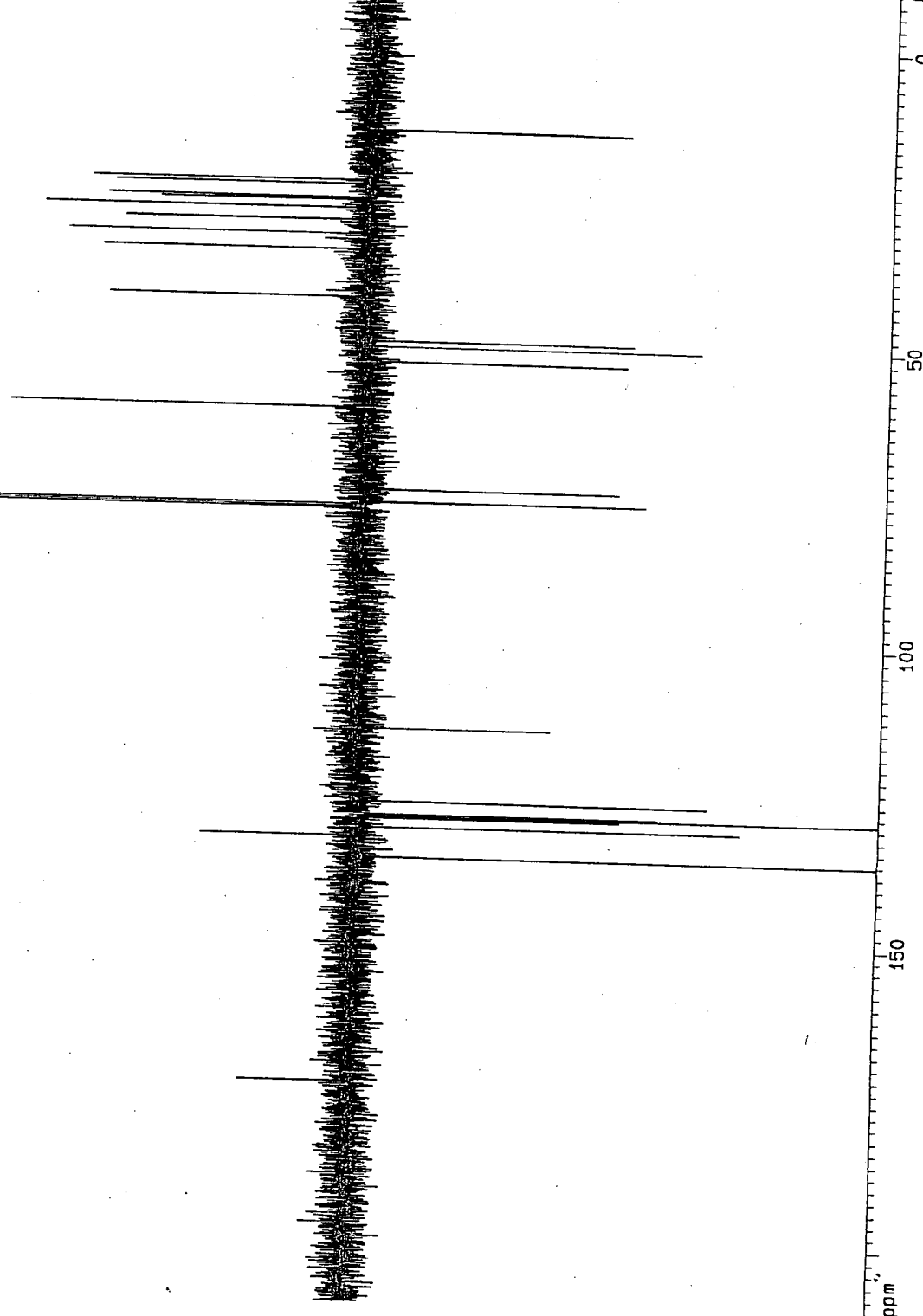
===== CHANNEL f2 =====
 CPOPRG2 waltz16
 NUC2 1H
 PCPD2 95.00 usec
 PL2 120.00 dB
 PL12 18.00 dB
 SF02 400.1320007 MHz

F2 - Processing parameters
 SI 32768
 SF 100.6127534 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.00

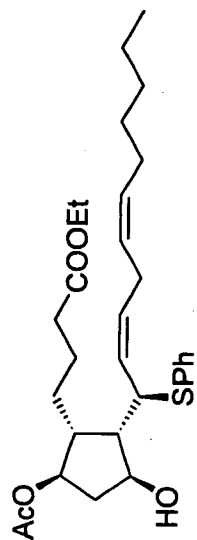
1D NMR plot parameters
 CX 20.00 cm
 F1P 210.000 ppm
 F1 21128.68 Hz
 F2P -10.000 ppm
 F2 -1006.13 Hz
 PPMCM 11.00000 ppm/cm
 HZCM 1106.74036 Hz/cm



12



95.5



35

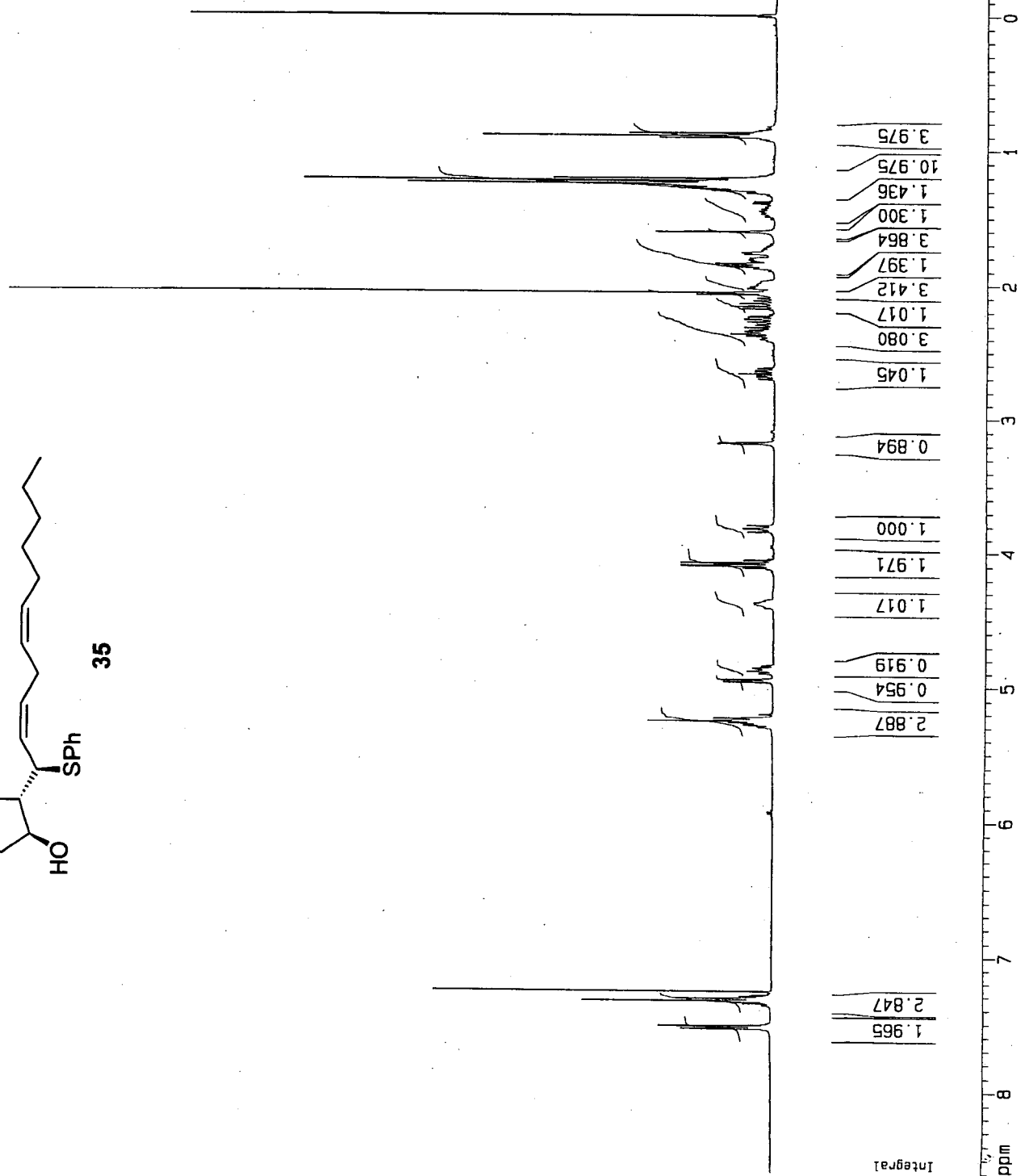
Current Data Parameters
 NAME xm-1-201f1
 EXPNO 10
 PROCNO 2

F2 - Acquisition Parameters
 Date_ 20010917
 Time 13.22
 INSTRUM spect
 PROBHD 5 mm QNP 1H
 PULPROG zg
 TD 32768
 SOLVENT CDCl3
 NS 16
 DS 0
 SWH 5592.841 Hz
 FIDRES 0.170680 Hz
 AQ 2.9295092 sec
 RG 80.6
 DW 89.400 usec
 DE 4.50 usec
 TE 300.0 K
 D1 5.0000000 sec

===== CHANNEL f1 =====
 NUC1 1H
 P1 9.00 usec
 PL1 0.00 dB
 SF01 400.1320007 MHz

F2 - Processing parameters
 SI 16384
 SF 400.1300074 MHz
 WDW EM
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 F1P 8.600 ppm
 F1 3441.12 Hz
 F2P -0.500 ppm
 F2 -200.07 Hz
 PPMCM 0.45500 ppm/cm
 HZCM 182.05916 Hz/cm



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Current Data Parameters
NAME xm-1-201f1
EXPNO 40
PROCNO 2

F2 - Acquisition Parameters

Date_ 20010918
Time 12.03
INSTRUM spect
PROBHD 5 mm QNP 1H
PULPROG jvert
TD 65536
SOLVENT CDCl3
NS 497
DS 0
SWH 27173.912 Hz
FIDRES 0.414641 Hz
AQ 1.2059124 sec
RG 10321.3
DM 18.400 usec
DE 4.50 usec
TE 300.0 K
D1 5.00000000 sec
D11 0.03000000 sec
D13 0.00000300 sec
D20 0.00700000 sec

===== CHANNEL f1 =====

NUC1 13C
P1 10.50 usec
PL1 21.00 usec
PL2 0.00 dB
SF01 100.6242995 MHz

===== CHANNEL f2 =====

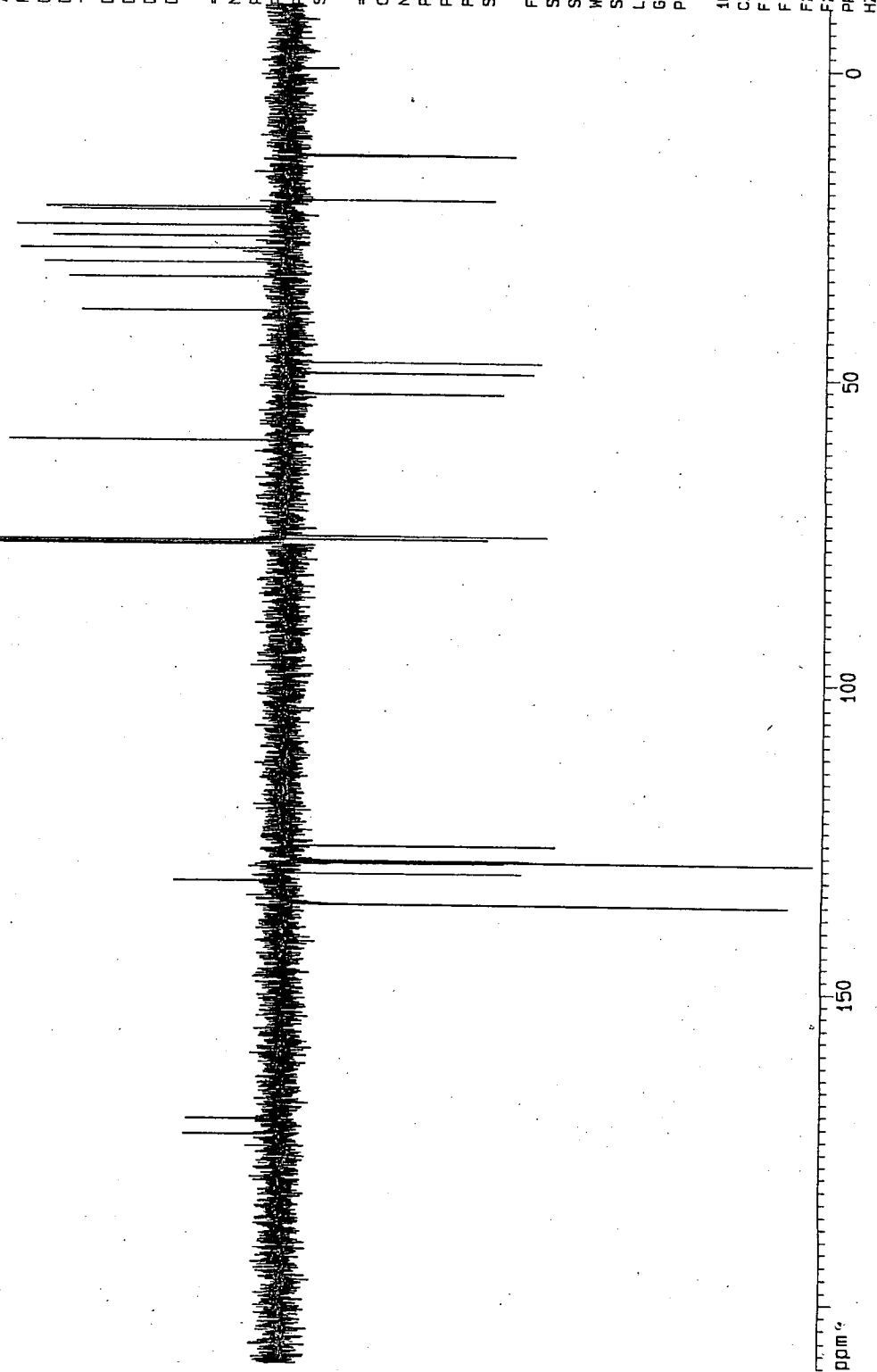
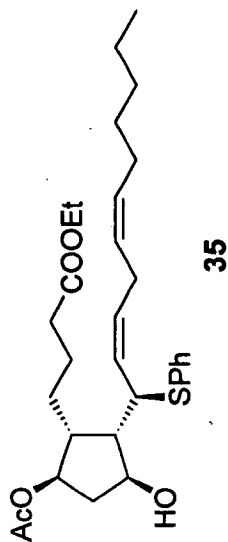
CPDPRG2 waltz16
NUC2 1H
PCPD2 95.00 usec
PL2 120.00 dB
PL12 18.00 dB
SF02 400.1320007 MHz

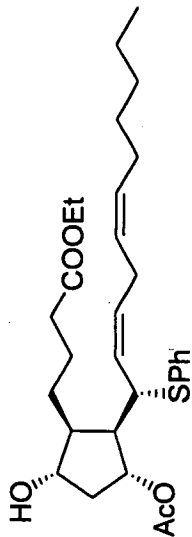
F2 - Processing parameters

SF 32768
SF 100.6127501 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.00

1D NMR plot parameters

CX 20.00 cm
FIP 210.000 ppm
F1 21128.68 Hz
F2P -10.000 ppm
F2 -1006.13 Hz
PPMCM 11.00000 ppm/cm
HZCM 1106.74023 Hz/cm





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Current Data Parameters
 NAME xm-1-201f2
 EXPNO 10
 PROCNO 2

F2 - Acquisition Parameters
 Date_ 20010917
 Time 13.29
 INSTRUM spect
 PROBHD 5 mm QNP 1H
 PULPROG zg
 TD 32768
 SOLVENT CDCl3
 NS 16
 DS 0
 SWH 5592.841 Hz
 FIDRES 0.170680 Hz
 AQ 2.9295092 sec
 RG 71.8
 DW 89.400 usec
 DE 4.50 usec
 TE 300.0 K
 D1 5.0000000 sec

===== CHANNEL f1 =====
 NUC1 1H
 P1 9.00 usec
 PL1 0.00 dB
 SF01 400.1320007 MHz

F2 - Processing parameters
 SI 16384
 SF 400.1300074 MHz
 WDW EM
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.00

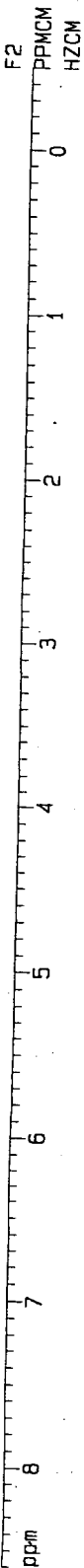
1D NMR plot parameters
 CX 20.00 cm
 F1P 8.600 ppm
 F1 3441.12 Hz
 F2P -0.500 ppm
 F2 -200.07 Hz
 PPMCM 0.45500 ppm/cm
 HZCM 182.05916 Hz/cm

4.391
 0.367
 11.397
 1.210
 4.275
 2.833
 1.156
 2.629
 3.014
 1.013
 0.983

1.003
 1.930
 1.007
 1.000
 3.770

3.778
 1.938

Integral



Current Data Parameters
 NAME xm-1-201f2
 EXPNO 40
 PROCNO 2

F2 - Acquisition Parameters

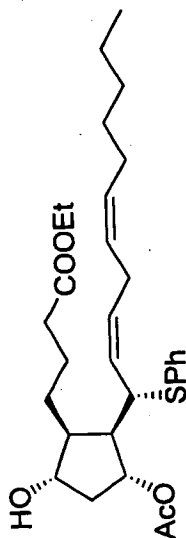
Date_ 20010917
 Time 14.44
 INSTRUM spect
 PROBD 5 mm GNP 1H
 PULPROG iver
 TD 65536
 SOLVENT CDCl3
 NS 607
 DS 0
 SWH 27173.912 Hz
 FIDRES 0.414641 Hz
 AQ 1.2059124 sec
 RG 10321.3
 DM 18.400 usec
 DE 4.50 usec
 TE 300.0 K
 D1 6.00000000 sec
 D11 0.03000000 sec
 D13 0.00000300 sec
 D20 0.00700000 sec

===== CHANNEL f1 =====
 NUC1 13C
 P1 10.50 usec
 P2 21.00 usec
 PL1 0.00 dB
 SF01 100.6242995 MHz

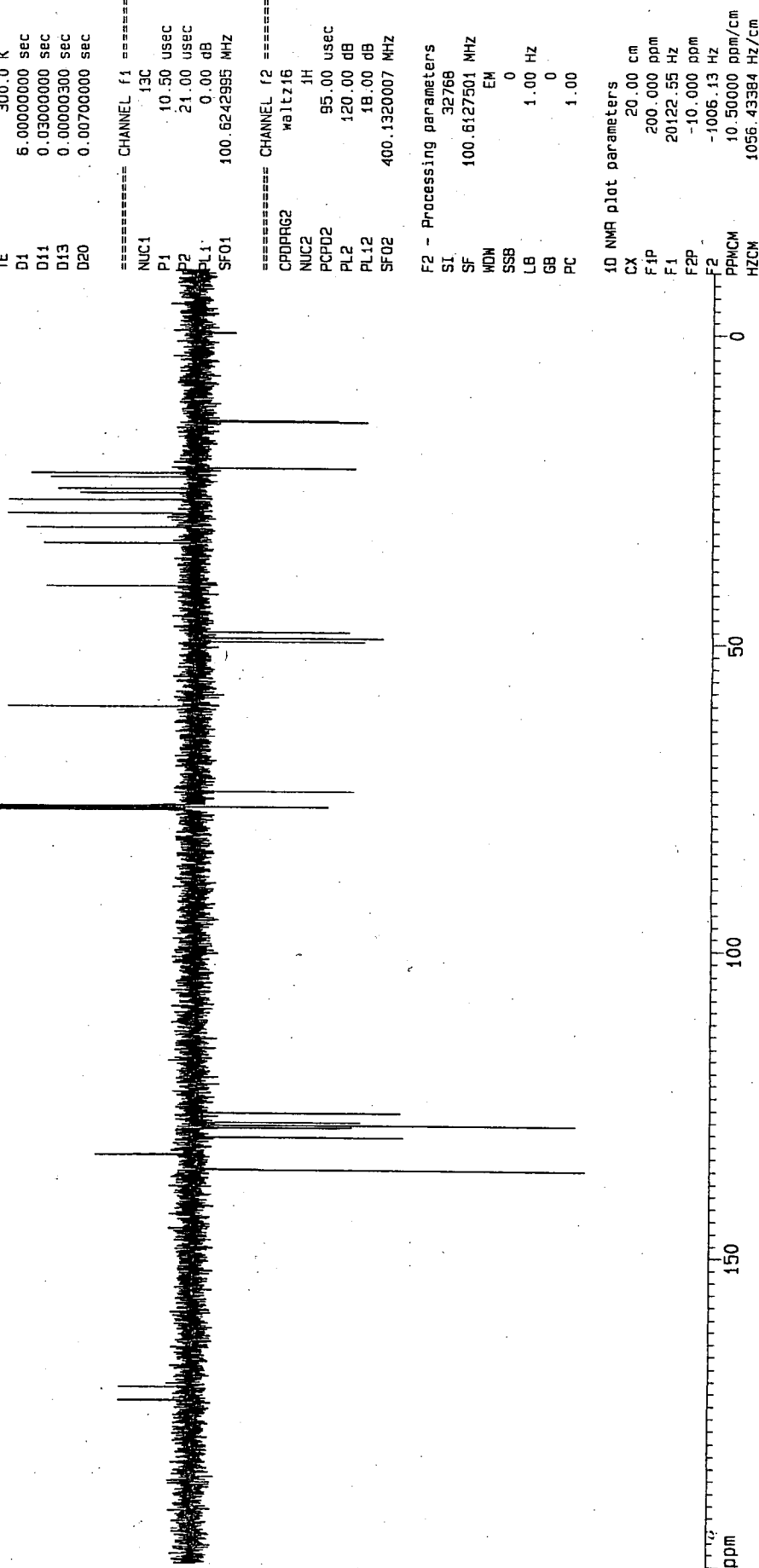
===== CHANNEL f2 =====
 CPOPRG2 waltz16
 NUC2 1H
 PCPD2 95.00 usec
 PL2 120.00 dB
 PL12 18.00 dB
 SF02 400.1320007 MHz

F2 - Processing parameters
 SI 32768
 SF 100.6127501 MHz
 MDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 F1p 200.000 ppm
 F1 20122.55 Hz
 F2p -10.000 ppm
 F2 -1006.13 Hz
 PPMCM 10.50000 ppm/cm
 HZCM 1056.43384 Hz/cm



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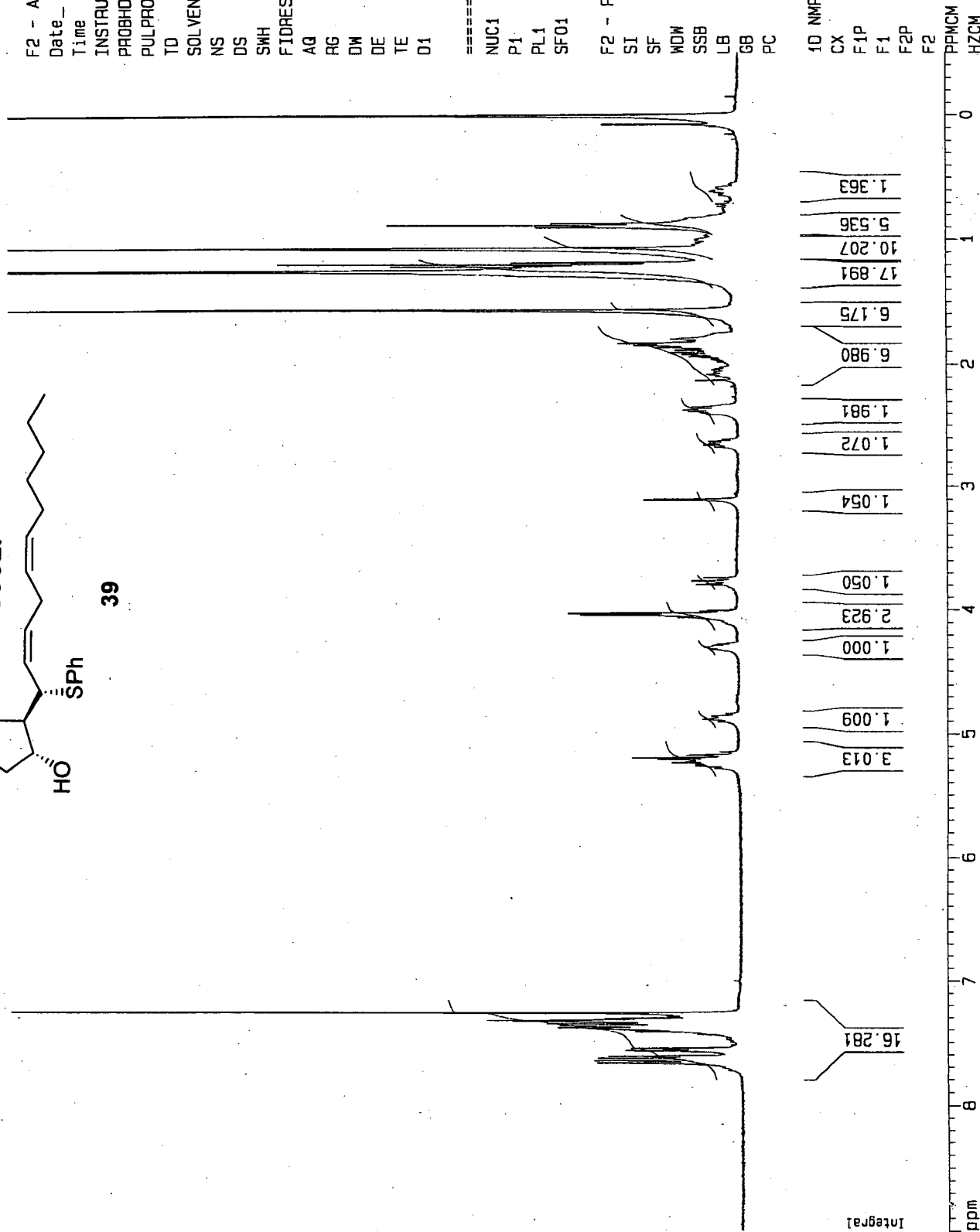
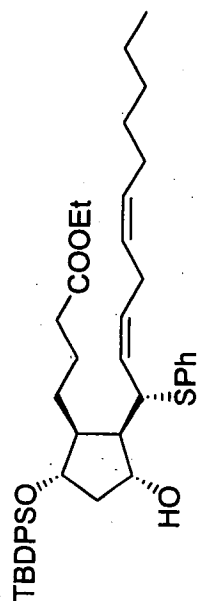
Current Data Parameters
 NAME xm-1-207-2
 EXPNO 10
 PROCNO 2

F2 - Acquisition Parameters
 Date_ 20010919
 Time 14.06
 INSTRUM spect
 PROBHD 5 mm QNP 1H
 PULPROG zg
 TD 32768
 SOLVENT CDCl3
 NS 64
 DS 0
 SWH 5592.841 Hz
 FIDRES 0.170680 Hz
 AQ 2.9295092 sec
 RG 161.3
 DW 89.400 usec
 DE 4.50 usec
 TE 300.0 K
 D1 5.00000000 sec

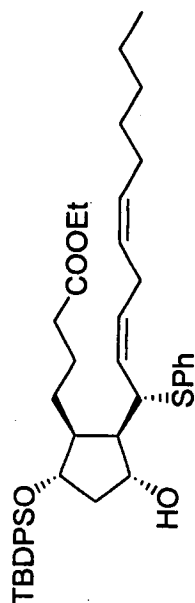
===== CHANNEL f1 =====
 NUC1 1H
 P1 9.00 usec
 PL1 0.00 dB
 SF01 400.1320007 MHz

F2 - Processing parameters
 SI 16384
 SF 400.1300078 MHz
 WDW EM
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 F1P 9.000 ppm
 F1 3601.17 Hz
 F2P -0.500 ppm
 F2 -200.07 Hz
 PPMCM 0.47500 ppm/cm
 HZCM 190.06175 Hz/cm



19-5



39

Current Data Parameters
 NAME xm-f-209
 EXPNO 40
 PROCNO 2

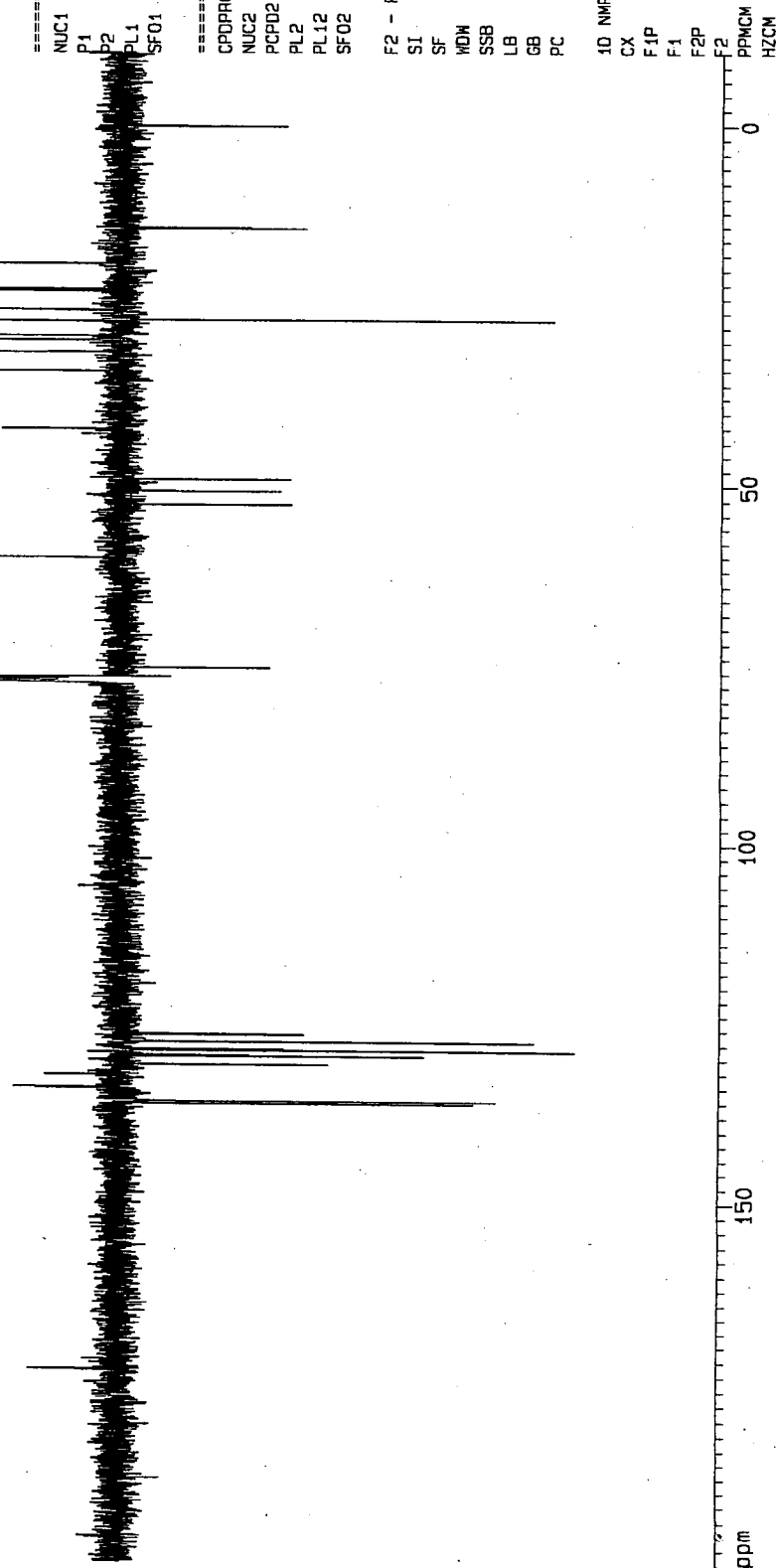
F2 - Acquisition Parameters
 Date_ 20010921
 Time 17.56
 INSTRUM spect
 PROBHD 5 mm QNP 1H
 PULPROG jvert
 TD 65536
 SOLVENT DMSO
 NS 7200
 DS 0
 SWH 27173.912 Hz
 FIDRES 0.414841 Hz
 AQ 1.2059124 sec
 RG 11585.2
 DM 18.400 usec
 DE 4.50 usec
 TE 300.0 K
 D1 6.00000000 sec
 D11 0.03000000 sec
 D13 0.00000300 sec
 D20 0.00700000 sec

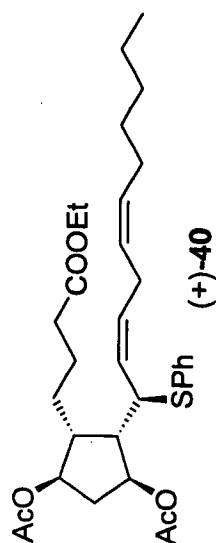
===== CHANNEL f1 =====
 NUC1 13C
 P1 10.50 usec
 PL1 21.00 usec
 PL2 0.00 dB
 SF01 100.6242995 MHz

===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 95.00 usec
 PL2 120.00 dB
 PL12 18.00 dB
 SF02 400.1320007 MHz

F2 - Processing parameters
 SI 32768
 SF 100.6127509 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 F1P 200.000 ppm
 F1 20122.55 Hz
 F2P -10.000 ppm
 F2 -1006.13 Hz
 PPMCM 10.50000 ppm/cm
 HZCM 1056.43384 Hz/cm





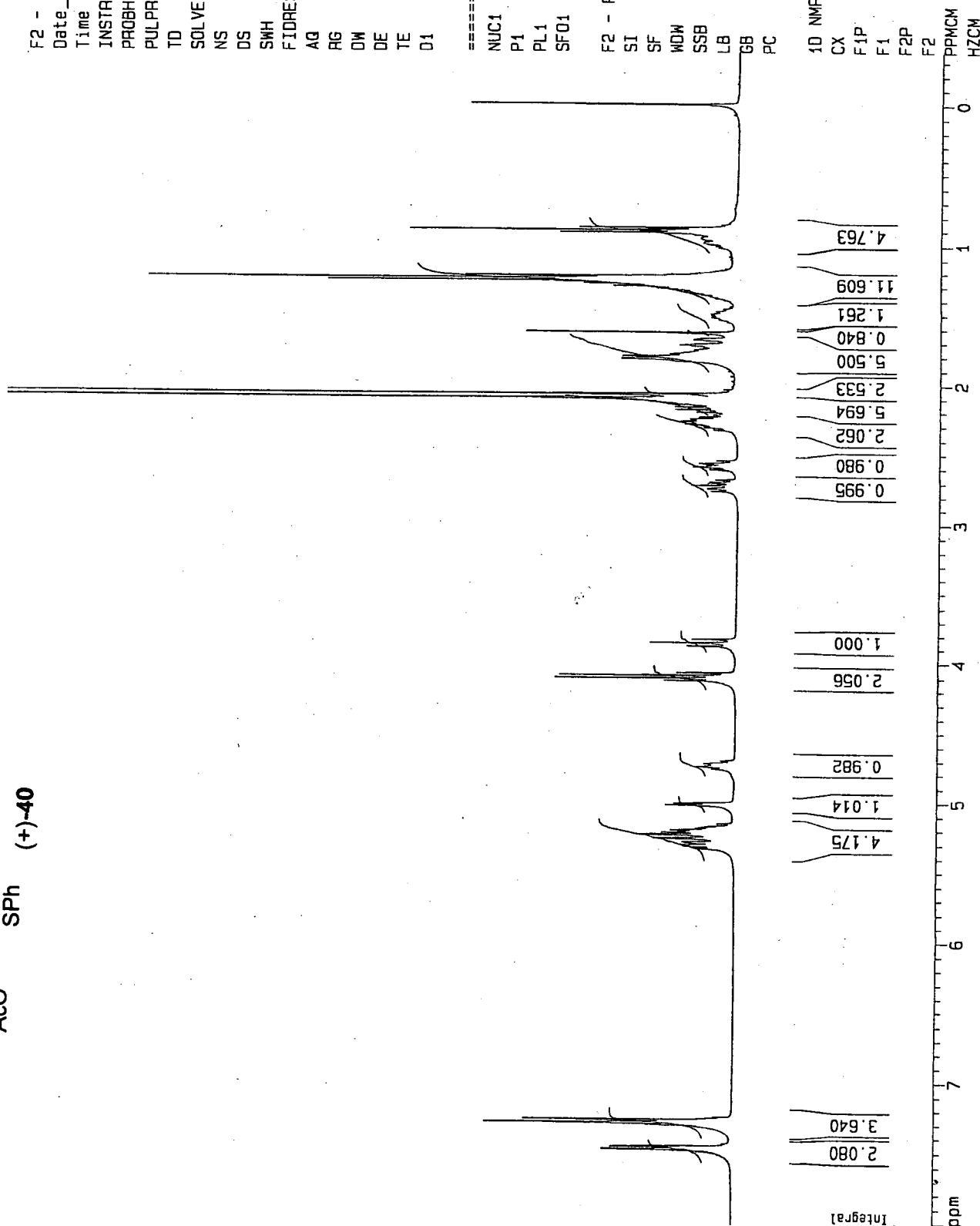
Current Data Parameters
 NAME xm-1-209
 EXPNO 10
 PROCNO 2

F2 - Acquisition Parameters
 Date_ 20010920
 Time 12.32
 INSTRUM spect
 PROBHD 5 mm QNP 1H
 PULPROG zg
 TD 32768
 SOLVENT CDCl3
 NS 16
 DS 0
 SWH 5592.841 Hz
 FIDRES 0.170680 Hz
 AQ 2.9295092 sec
 RG 80.6
 OW 89.400 usec
 DE 4.50 usec
 TE 300.0 K
 D1 5.0000000 sec

===== CHANNEL f1 =====
 NUC1 1H
 P1 9.00 usec
 PL1 0.00 dB
 SF01 400.1320007 MHz

F2 - Processing parameters
 SI 16384
 SF 400.1300064 MHz
 WDW EM
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 FIP 8.008 ppm
 F1 3204.16 Hz
 F2P -0.369 ppm
 F2 -147.85 Hz
 PPMCM 0.41886 ppm/cm
 HZCM 167.60005 Hz/cm



Current Data Parameters
 NAME xm-1-209
 EXPNO 40
 PROCNO 2

F2 - Acquisition Parameters

Date_ 20010920
 Time 12.39
 INSTRUM spect
 PROBD 5 mm QNP 1H
 PULPROG jvert
 TD 65536
 SOLVENT CDCl3
 NS 235
 DS 0
 SNH 27173.912 Hz
 FIDRES 0.414641 Hz
 AQ 1.2059124 sec
 RG 6502
 DM 18.400 usec
 DE 4.50 usec
 TE 300.0 K
 D1 6.00000000 sec
 D11 0.03000000 sec
 D13 0.00000300 sec
 D20 0.00700000 sec

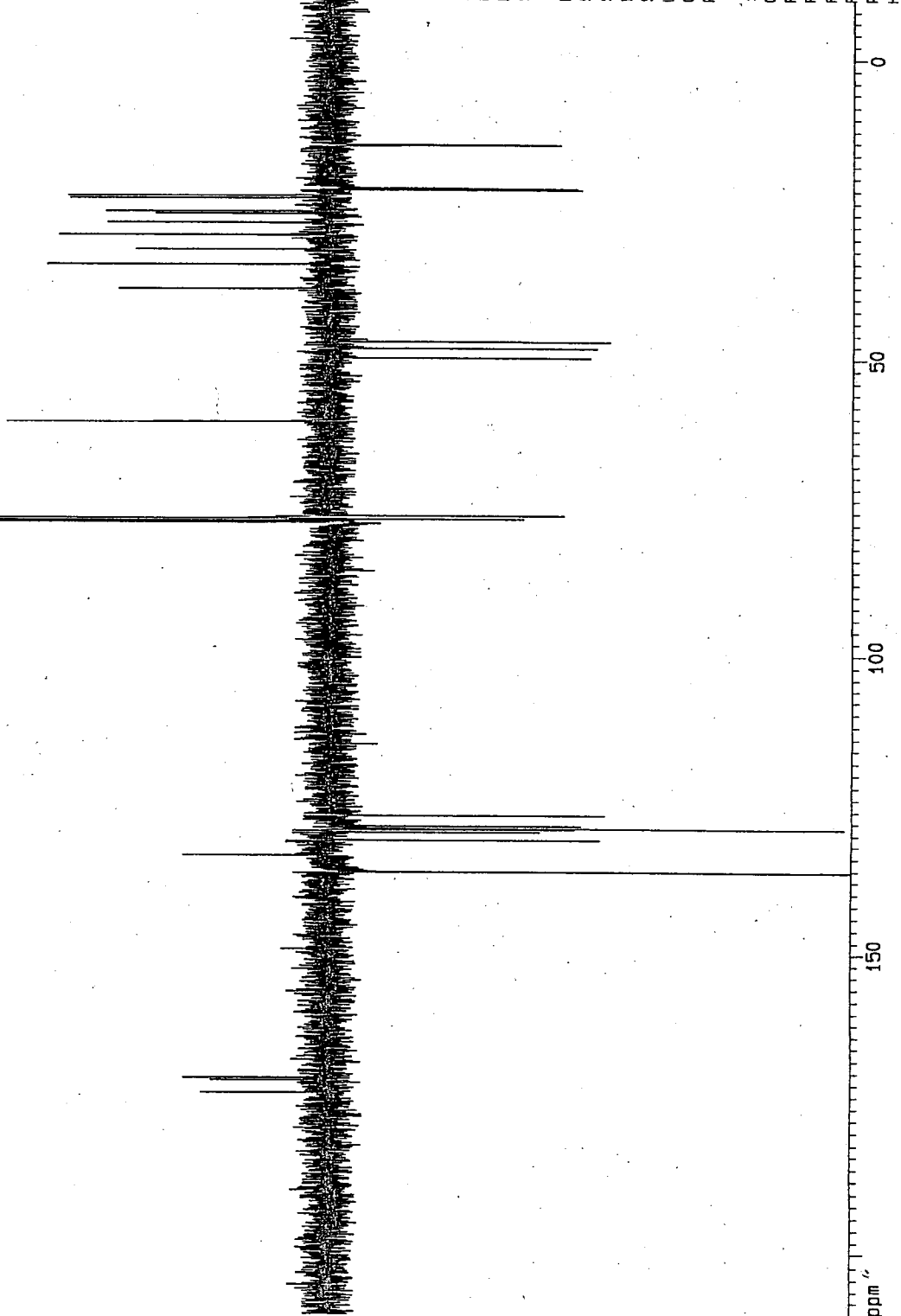
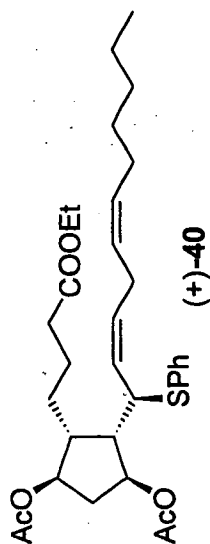
===== CHANNEL f1 =====
 NUC1 13C
 P1 10.50 usec
 P2 21.00 usec
 PL1 0.00 dB
 SF01 100.6242995 MHz

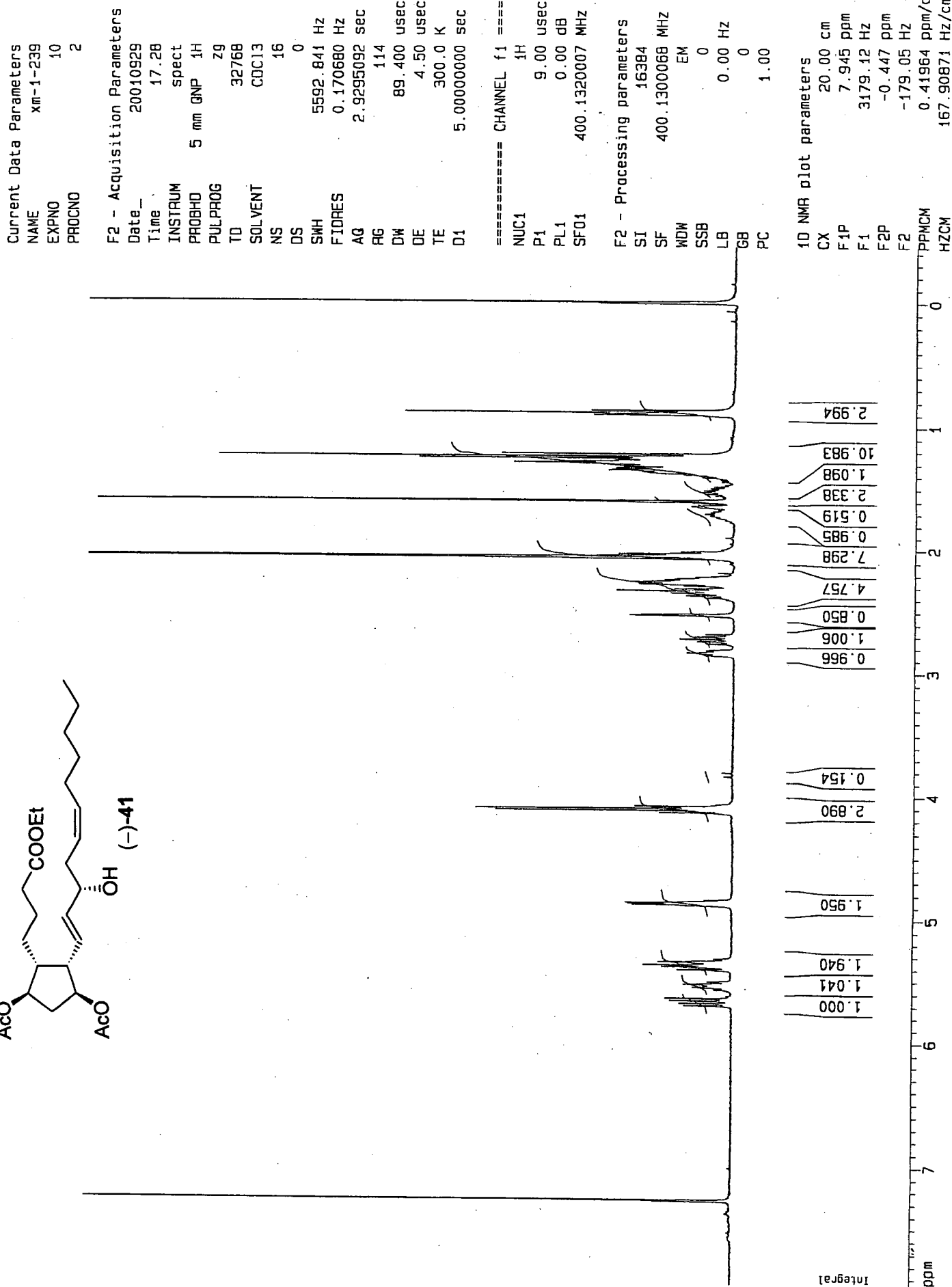
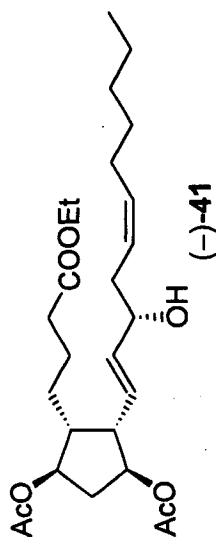
===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 95.00 usec
 PL2 120.00 dB
 PL12 18.00 dB
 SF02 400.1320007 MHz

F2 - Processing parameters
 SI 32768
 SF 100.6127509 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters

CX 20.00 cm
 F1P 210.000 ppm
 F1 21128.68 Hz
 F2P -10.000 ppm
 F2 -1006.13 Hz
 PPMCM 11.00000 ppm/cm
 HZCM 1106.74023 Hz/cm





Current Data Parameters
 NAME xm-1-239
 EXPNO 40
 PROCNO 2

F2 - Acquisition Parameters

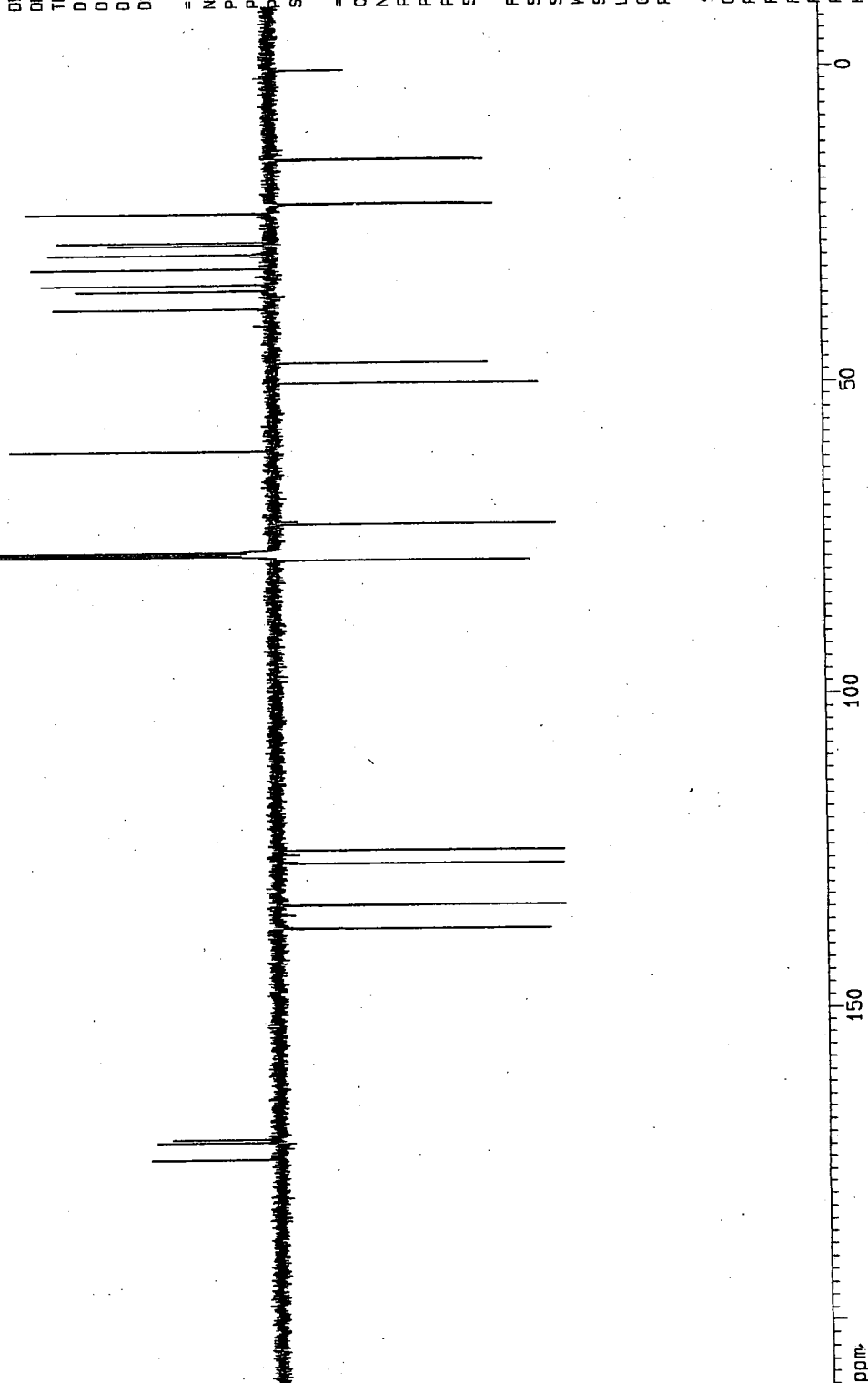
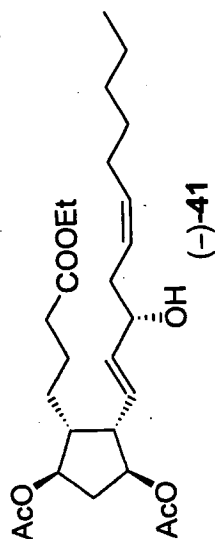
Date_ 20010929
 Time 17.37
 INSTRUM spect
 PROBHD 5 mm QNP 1H
 PULPROG zgpg30
 TO 65536
 SOLVENT CDCl3
 NS 8000
 DS 0
 SWH 27173.912 Hz
 FIDRES 0.414641 Hz
 AQ 1.2059124 sec
 RG 6502
 DN 18.400 usec
 DE 4.50 usec
 TE 300.0 K
 D1 6.00000000 sec
 D11 0.03000000 sec
 D13 0.00000300 sec
 D20 0.00700000 sec

===== CHANNEL f1 =====
 NUC1 13C
 P1 10.50 usec
 PL1 21.00 dB
 SF01 100.6242895 MHz

===== CHANNEL f2 =====
 CPDPRG2 zgpg30
 NUC2 1H
 P2 95.00 usec
 PL2 120.00 dB
 PL12 18.00 dB
 SF02 400.1320007 MHz

F2 - Processing parameters
 SI 32768
 SF 100.6127509 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 F1P 210.000 ppm
 F1 21128.68 Hz
 F2P -10.000 ppm
 F2 -1005.13 Hz
 PPMCM 11.00000 ppm/cm
 HZCM 1105.74023 Hz/cm



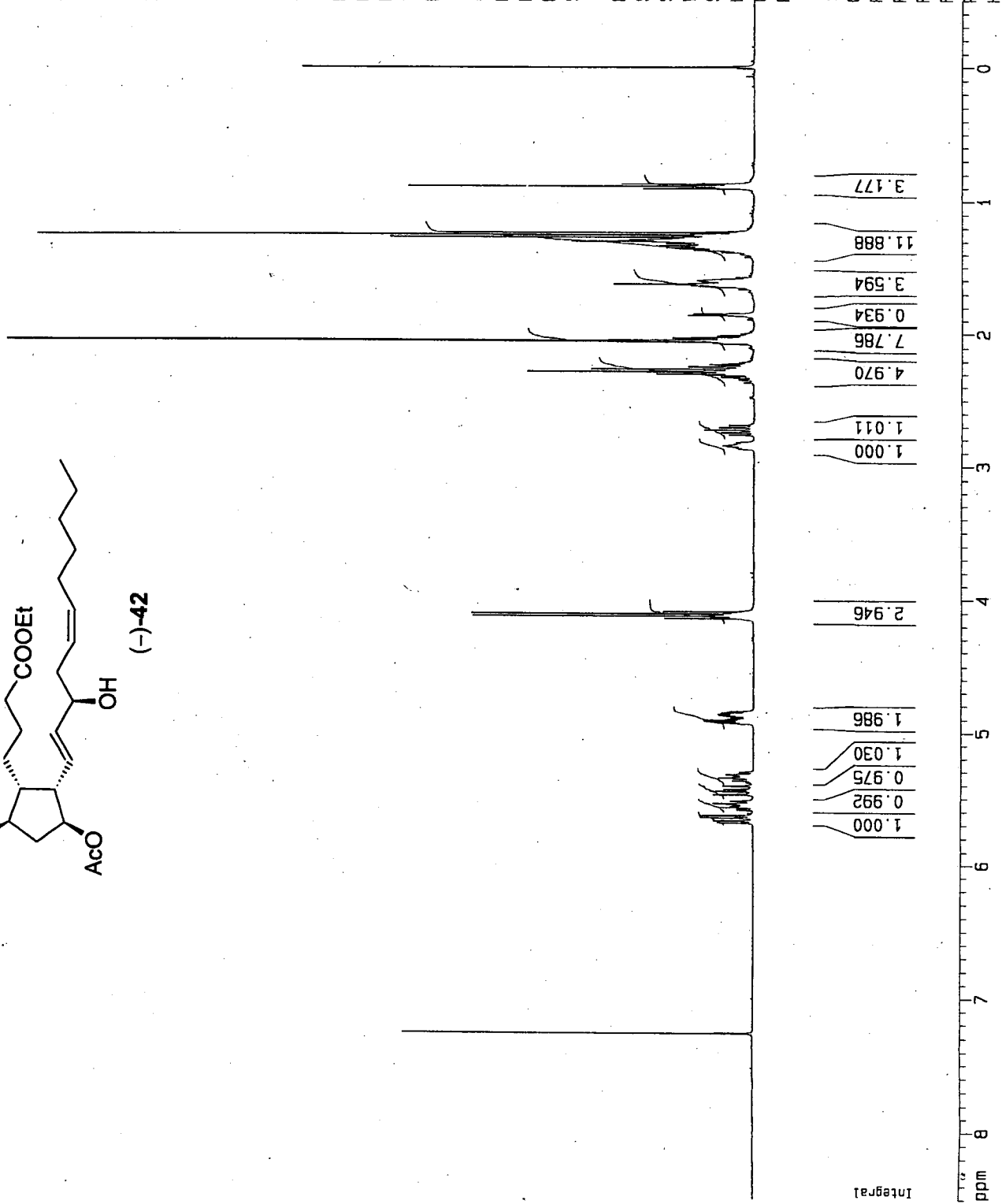
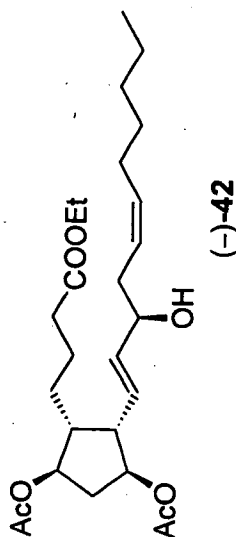
Current Data Parameters
 NAME xm-3-95f2
 EXPNO 10
 PROCNO 2

F2 - Acquisition Parameters
 Date_ 20020429
 Time 15.51
 INSTRUM spect
 PROBD 5 mm QNP 1H
 PULPROG zg
 TD 32768
 SOLVENT CDCl3
 NS 16
 DS 0
 SWH 5592.841 Hz
 FIDRES 0.170680 Hz
 AQ 2.9295092 sec
 RG 64
 DW 89.400 usec
 DE 4.50 usec
 TE 300.0 K
 D1 5.0000000 sec

===== CHANNEL f1 =====
 NUC1 1H
 P1 9.00 usec
 PL1 0.00 dB
 SF01 400.1320007 MHz

F2 - Processing parameters
 SI 16384
 SF 400.1300068 MHz
 WDW EM
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 F1P 8.500 ppm
 F1 3401.10 Hz
 F2P -0.500 ppm
 F2 -200.07 Hz
 PPMCM 0.45000 ppm/cm
 HZCM 180.05850 Hz/cm



Current Data Parameters
 NAME xm-3-95f2
 EXPNO 40
 PROCNO 2

F2 - Acquisition Parameters

Date_ 20020429
 Time 15.58
 INSTRUM spect
 PROBHD 5 mm QNP 1H
 PULPROG jvert
 TD 65536
 SOLVENT CDC13
 NS 111
 DS 0
 SWH 27173.912 Hz
 FIDRES 0.414841 Hz
 AQ 1.2059124 sec
 RG 11585.2
 DW 18.400 usec
 DE 4.50 usec
 TE 300.0 K
 D1 6.00000000 sec
 D11 0.03000000 sec
 D13 0.00000300 sec
 D20 0.00700000 sec

===== CHANNEL f1 =====
 NUC1 13C
 P1 10.50 usec
 PL1 21.00 usec
 PL2 0.00 dB
 SF01 100.6242995 MHz

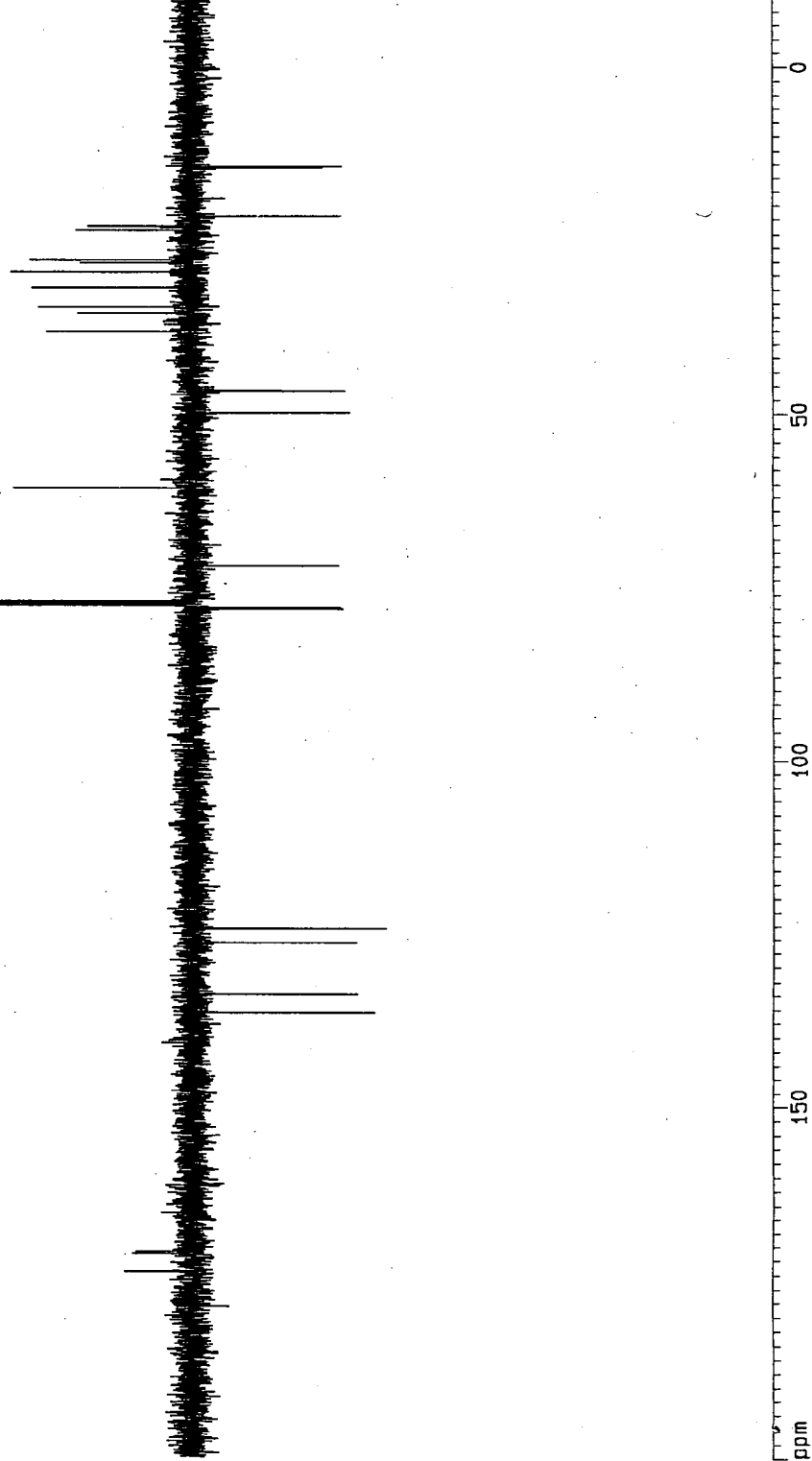
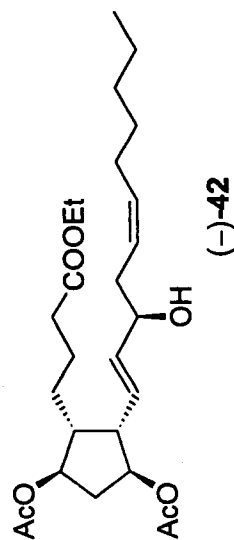
===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 95.00 usec
 PL2 120.00 dB
 PL12 18.00 dB
 SF02 400.1320007 MHz

F2 - Processing parameters

SI 32768
 SF 100.6127493 MHz
 MDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters

CX 20.00 cm
 F1P 200.000 ppm
 F1 20122.55 Hz
 F2P -10.000 ppm
 F2 -1006.13 Hz
 PPMCM 10.50000 ppm/cm
 HZCM 1056.43384 Hz/cm



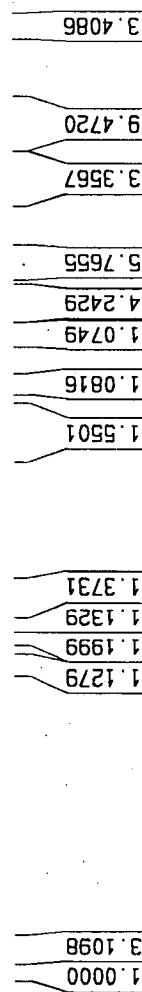
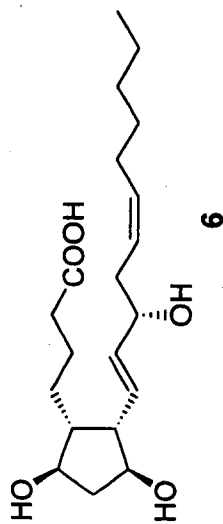
Current Data Parameters
 NAME xm-3-99
 EXPNO 10
 PROCNO 2

F2 - Acquisition Parameters
 Date_ 20020501
 Time 14.34
 INSTRUM spect
 PROBHD 5 mm GNP 1H
 PULPROG zg
 TD 32768
 SOLVENT CDC13
 NS 16
 DS 0
 SWH 5592.841 Hz
 FIDRES 0.170680 Hz
 AQ 2.9295092 sec
 RG 57
 DW 89.400 usec
 DE 4.50 usec
 TE 300.0 K
 D1 5.00000000 sec

===== CHANNEL f1 =====
 NUC1 1H
 P1 9.00 usec
 PL1 0.00 dB
 SF01 400.1320007 MHz

F2 - Processing parameters
 SI 16384
 SF 400.1300068 MHz
 WDW EM
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 F1P 7.000 ppm
 F1 2800.91 Hz
 F2P -0.500 ppm
 F2 -200.06 Hz
 ppm 0.37500 ppm/cm
 HZCM 150.04875 Hz/cm



Integral

ppm 6 5 4 3 2 1 0
 ppmCM
 HZCM

Current Data Parameters
 NAME xm-3-99
 EXPNO 40
 PROCNO 2

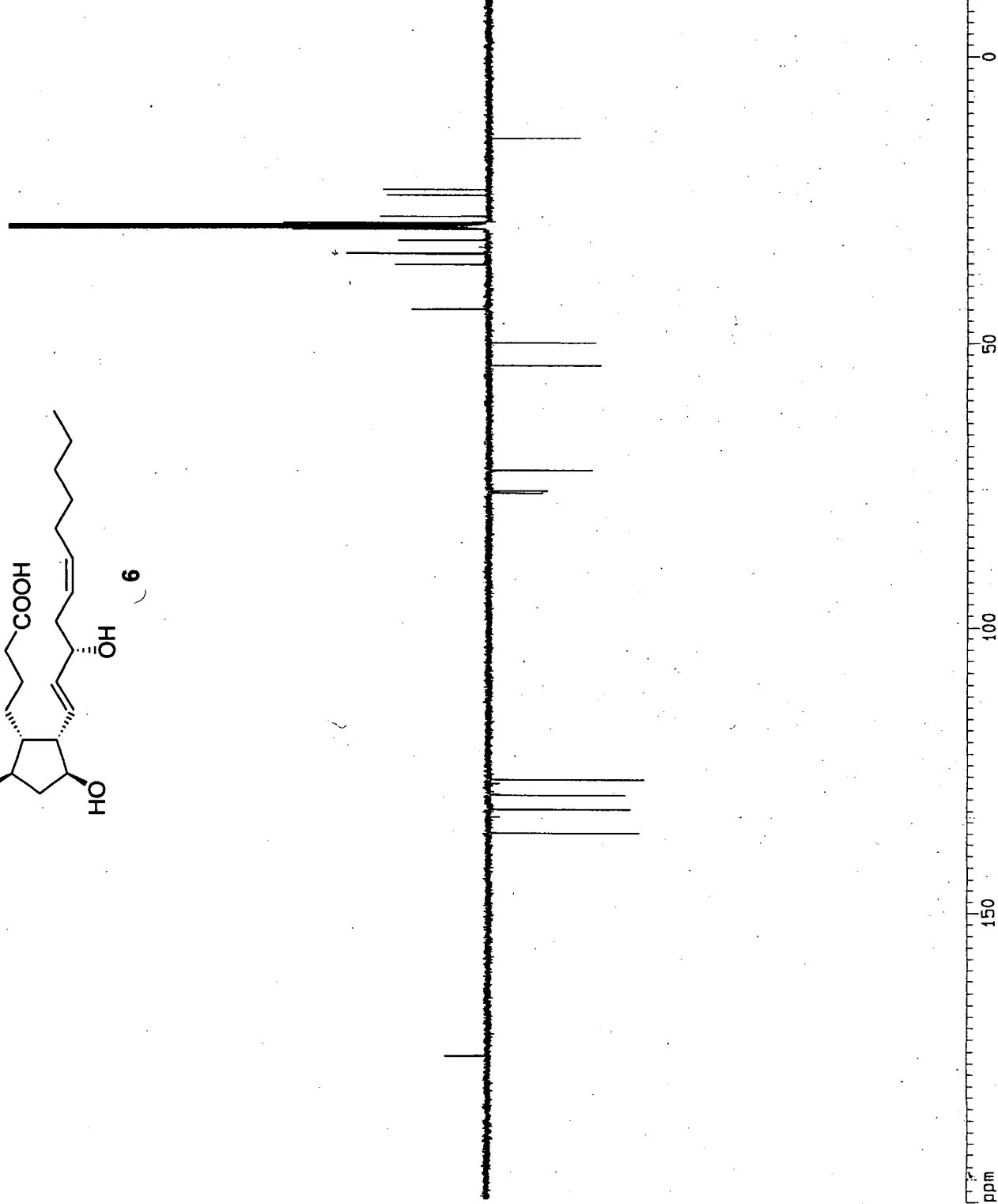
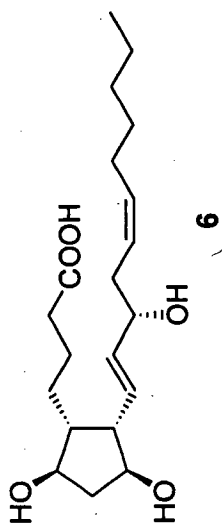
F2 - Acquisition Parameters
 Date_ 20020501
 Time 14.42
 INSTRUM spect
 PROBHD 5 mm QNP 1H
 PULPROG ivert
 TD 65536
 SOLVENT Aceton
 NS 1824
 DS 0
 SWH 27173.912 Hz
 FIDRES 0.414641 Hz
 AQ 1.2059124 sec
 RG 9195.2
 DM 18.400 usec
 DE 4.50 usec
 TE 300.0 K
 D1 6.0000000 sec
 D11 0.0300000 sec
 D13 0.0000300 sec
 D20 0.0070000 sec

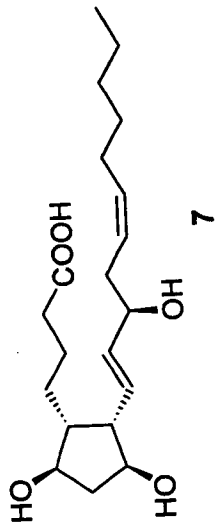
===== CHANNEL f1 =====
 NUC1 ¹³C
 P1 10.50 usec
 PL1 21.00 usec
 PL2 0.00 dB
 SF01 100.6242995 MHz

===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 ¹H
 PCPD2 95.00 usec
 PL2 120.00 dB
 PL12 18.00 dB
 SF02 400.1320007 MHz

F2 - Processing parameters
 SI 32768
 SF 100.6125729 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.00

10 NMR plot parameters
 CX 20.00 cm
 F1P 200.000 ppm
 F1 20122.54 Hz
 F2P -10.000 ppm
 F2 -1005.13 Hz
 PRNCM 10.50000 ppm/cm
 HZCM 1056.43311 Hz/cm





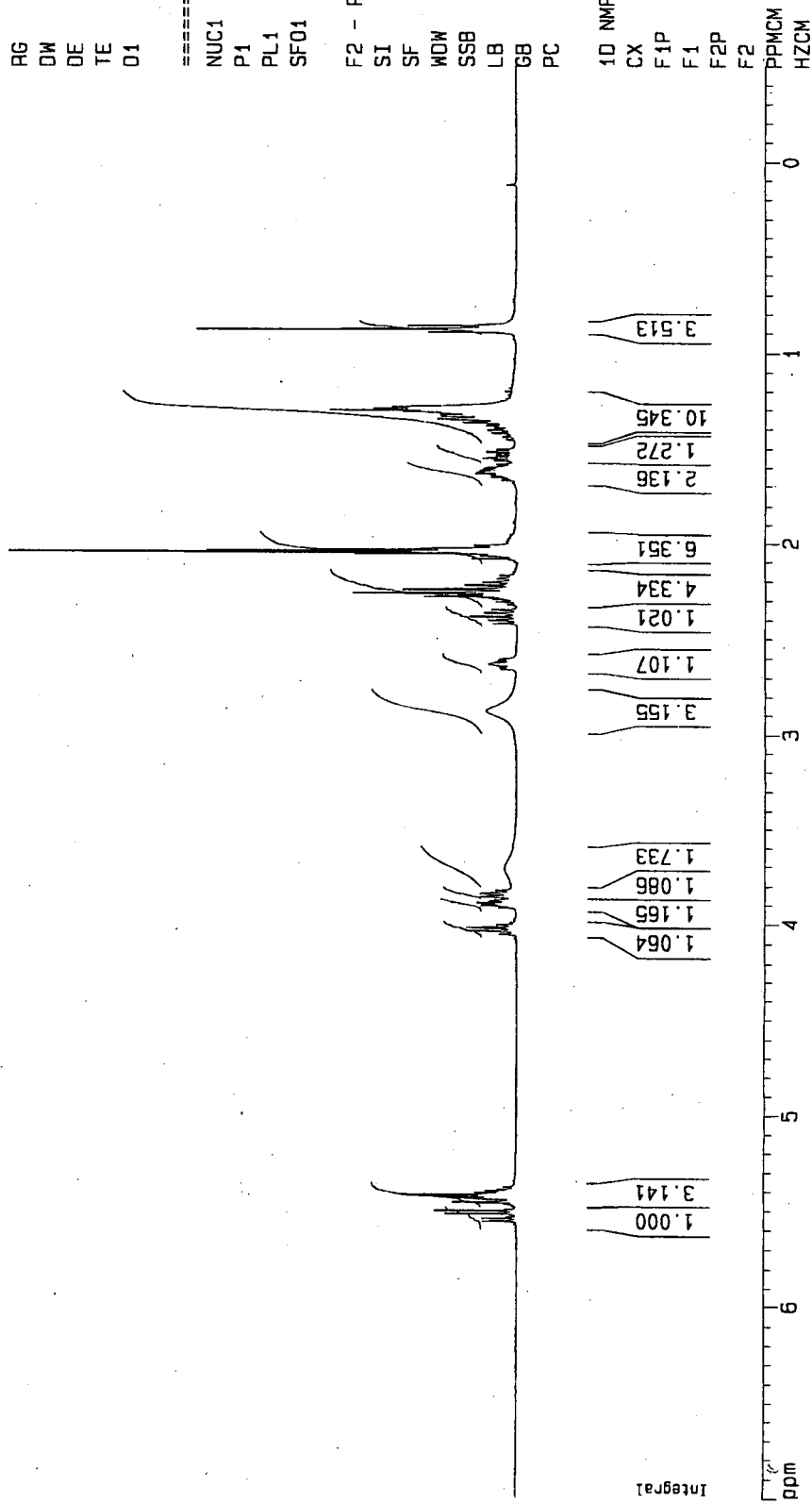
Current Data Parameters	
NAME	xm-3-101
EXPNO	10
PROCNO	2

F2 - Acquisition Parameters	
Date_	20020502
Time	9.48
INSTRUM	spect
PROBHD	5 mm GNP 1H
PULPROG	zg
TD	32768
SOLVENT	CDCl3
NS	16
DS	0
SWH	5592.841 Hz
FIDRES	0.170680 Hz
AQ	2.9295092 sec
RG	57
DW	89.400 usec
DE	4.50 usec
TE	300.0 K
DT	5.00000000 sec

```
===== CHANNEL f1 =====
NUC1      1H
P1        9.00 usec
PL1       0.00 dB
SF01     400.1320007 MHz
```

F2 - Processing parameters	
SI	16384
SF	400.130068 MHz
WDW	EM
SSB	0
LB	0.00 Hz
GB	0
PC	1.00

1D NMR plot parameters	
CX	20.00 cm
F1P	7.000 ppm
F1	2800.91 Hz
F2P	-0.500 ppm
F2	-200.07 Hz
PPMCM	0.37500 ppm/cm
HZCM	150.04875 Hz/cm



Current Data Parameters
 NAME xm-3-101
 EXPNO 40
 PROCNO 2

F2 - Acquisition Parameters

Date_ 20020502
 Time 10.12
 INSTRUM spect
 PROBHD 5 mm QNP 1H
 PULPROG jvert
 TO 65536
 SOLVENT Aceton
 NS 674
 DS 0
 SWH 27173.912 Hz
 FIDRES 0.414641 Hz
 AQ 1.2059124 sec
 RG 11585.2
 DW 18.400 usec
 DE 4.50 usec
 TE 300.0 K
 D1 6.00000000 sec
 D11 0.03000000 sec
 D13 0.00000300 sec
 D20 0.00700000 sec

===== CHANNEL f1 =====
 NUC1 ¹³C
 P1 10.50 usec
 P2 21.00 usec
 PL1 0.00 dB
 SF01 100.6242995 MHz

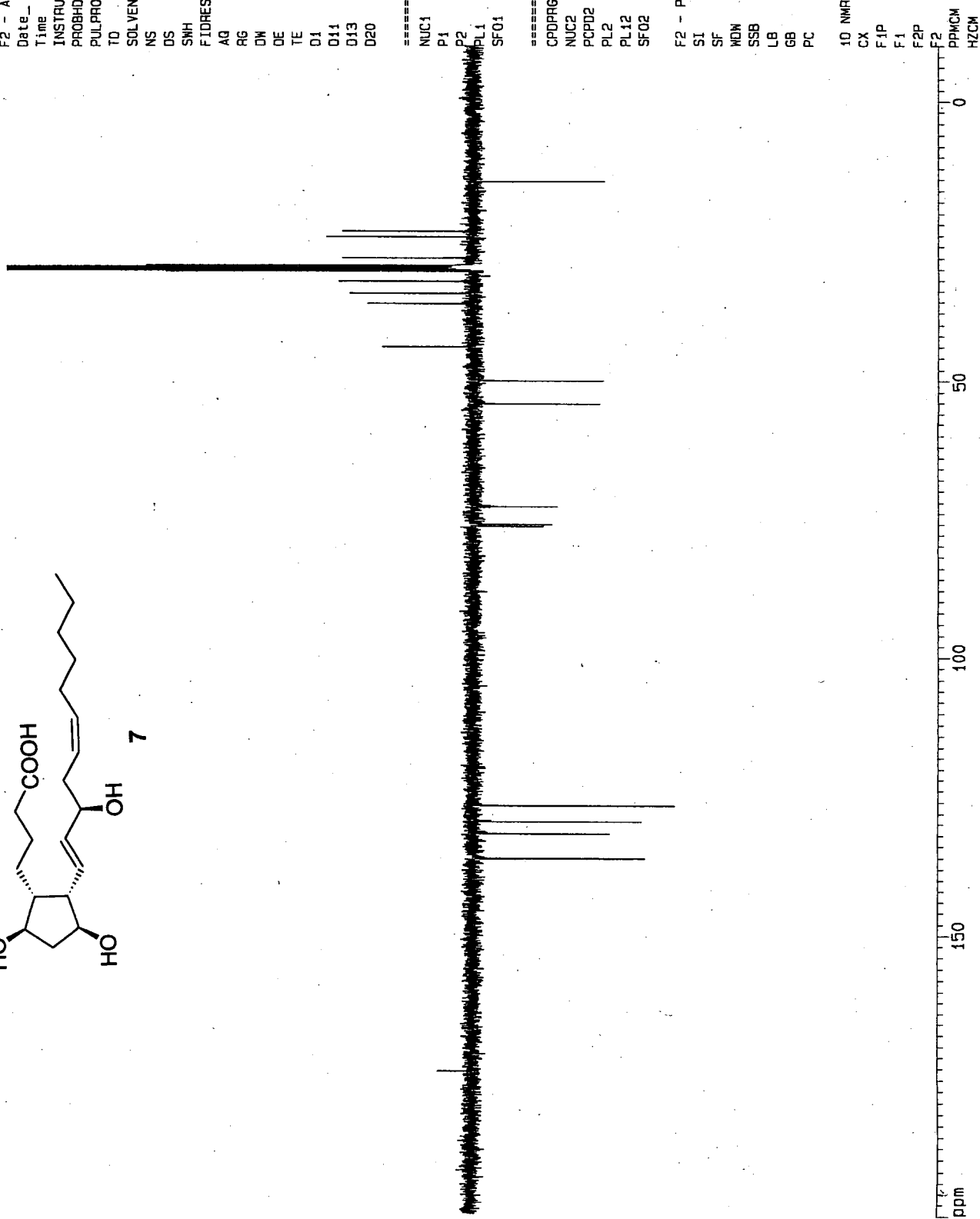
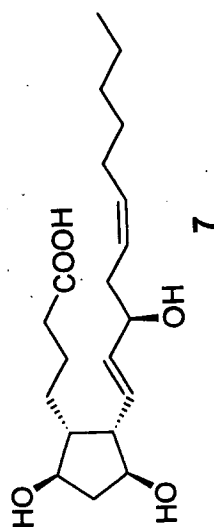
===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 ¹H
 PCPD2 95.00 usec
 PL2 120.00 dB
 PL12 18.00 dB
 SF02 400.1320007 MHz

F2 - Processing parameters

SF 32768
 SF 100.6126729 MHz
 EM 0
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters

CX 20.00 cm
 F1P 200.000 ppm
 F1 20122.54 Hz
 F2P -10.000 ppm
 F2 -1006.13 Hz
 PPMCM 10.50000 ppm/cm
 HZCM 1056.43311 Hz/cm



Current Data Parameters
 NAME xm-2-85
 EXPNO 10
 PROCNO 2

F2 - Acquisition Parameters

Date_ 20011120
 Time 14.16
 INSTRUM spect
 PROBHD 5 mm Multinu
 PULPROG zg
 TD 32768
 SOLVENT CDC13
 NS 16
 DS 0
 SWH 5592.841 Hz
 FIDRES 0.170680 Hz
 AQ 2.9295092 sec
 RG 16
 DW 89.400 usec
 DE 4.50 usec
 TE 300.0 K
 D1 5.00000000 sec

===== CHANNEL f1 =====

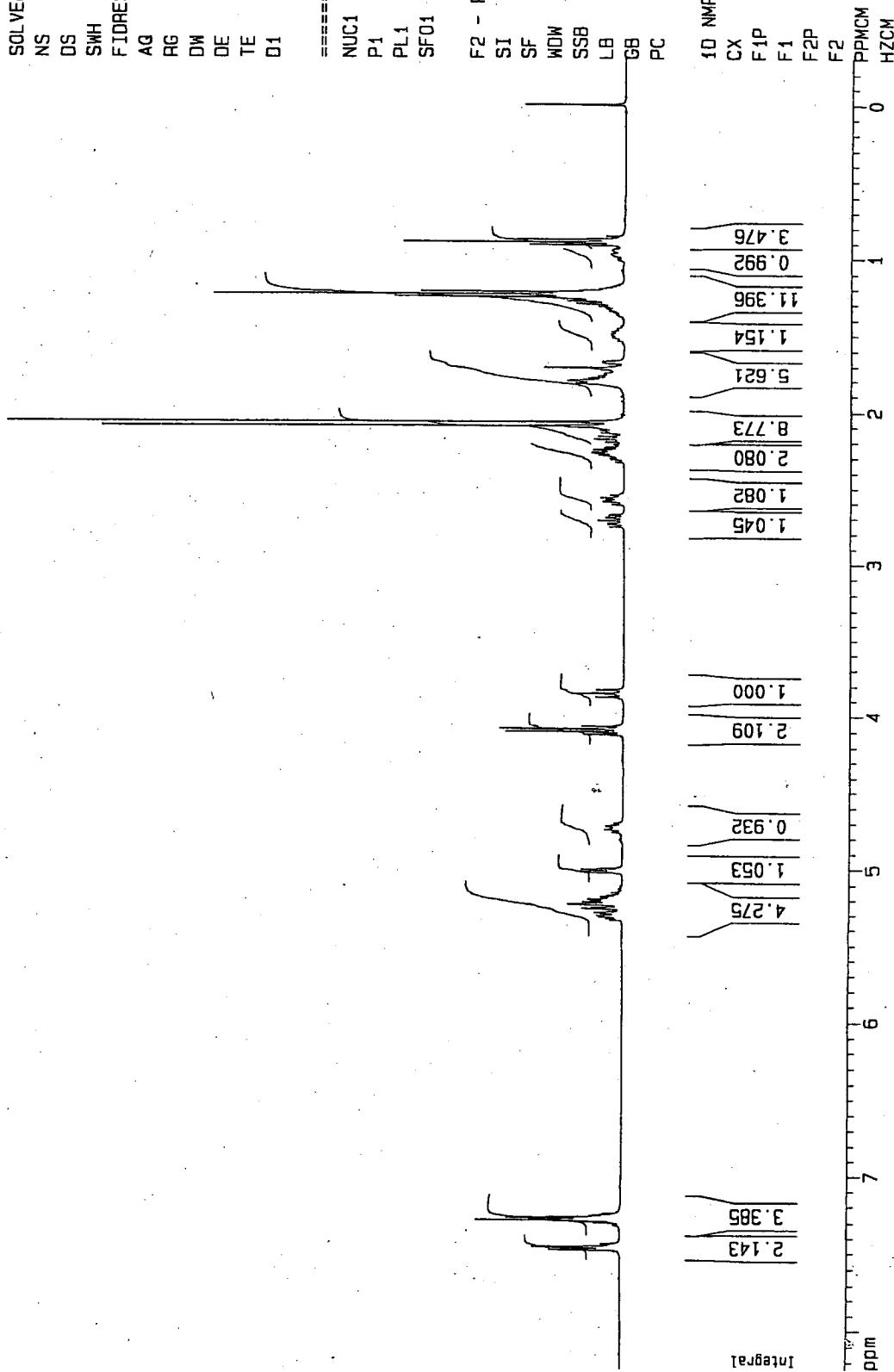
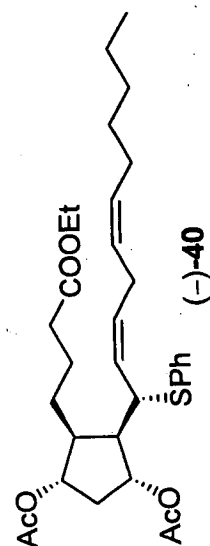
NUC1 1H
 P1 9.00 usec
 PL1 0.00 dB
 SF01 400.1320007 MHz

F2 - Processing parameters

SI 16384
 SF 400.1300044 MHz
 WDW EM
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters

CX 20.00 cm
 F1P 8.247 ppm
 F1 3299.69 Hz
 F2P -0.302 ppm
 F2 -120.79 Hz
 PPMCM 0.42742 ppm/cm
 HZCM 171.02405 Hz/cm



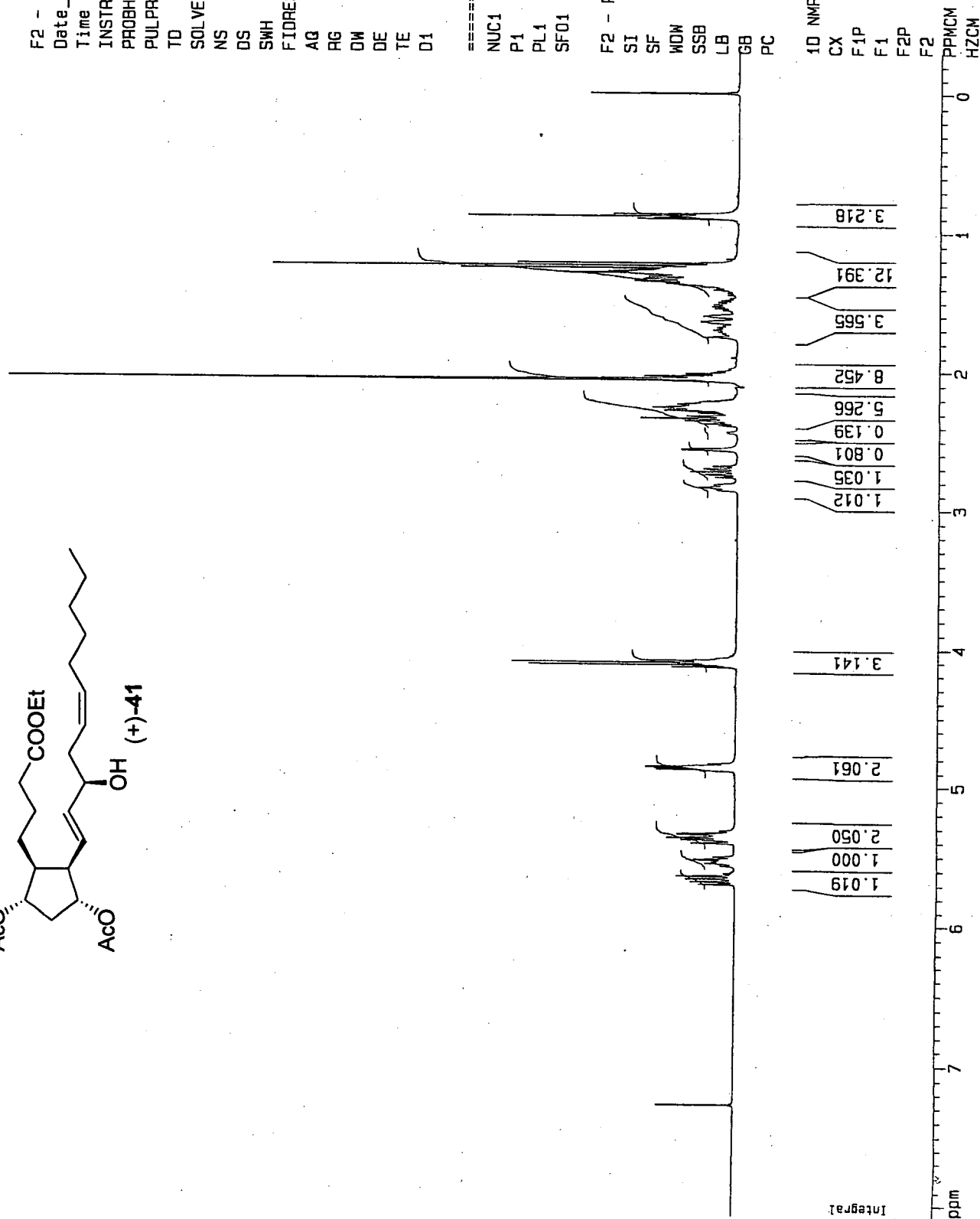
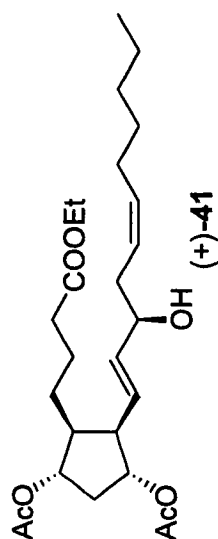
Current Data Parameters
 NAME xm-2-99
 EXPNO 10
 PROCNO 2

F2 - Acquisition Parameters
 Date_ 20011121
 Time 15.19
 INSTRUM spect
 PROBHD 5 mm Multinu
 PULPROG zg
 TD 32768
 SOLVENT CDCl3
 NS 16
 DS 0
 SWH 5592.841 Hz
 FIDRES 0.170680 Hz
 AQ 2.9295092 sec
 RG 16
 DM 89.400 usec
 DE 4.50 usec
 TE 300.0 K
 D1 5.0000000 sec

===== CHANNEL f1 =====
 NUC1 1H
 P1 9.00 usec
 PL1 0.00 dB
 SF01 400.1320007 MHz

F2 - Processing parameters
 SI 16384
 SF 400.1300023 MHz
 WDW EM
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 F1P 8.074 ppm
 F1 3230.64 Hz
 F2P -0.297 ppm
 F2 -118.74 Hz
 PPMCM 0.41854 ppm/cm
 HZCM 167.46925 Hz/cm



Current Data Parameters
 NAME xm-2-99
 EXPNO 40
 PROCNO 2

F2 - Acquisition Parameters

Date_ 20011121
 Time 15.56
 INSTRUM spect
 PROBHD 5 mm Multinu
 PULPROG jvent
 TO 65536
 SOLVENT CDCl3
 NS 295
 DS 0
 SWH 27173.912 Hz
 FIDRES 0.414641 Hz
 AQ 1.2059124 sec
 RG 6502
 DM 18.400 usec
 DE 4.50 usec
 TE 300.0 K
 D1 6.00000000 sec
 D11 0.03000000 sec
 D13 0.00000300 sec
 D20 0.00700000 sec

===== CHANNEL f1 =====
 NUC1 13C
 P1 10.50 usec
 P2 21.00 usec
 PL1 0.00 dB
 SF01 100.6242995 MHz

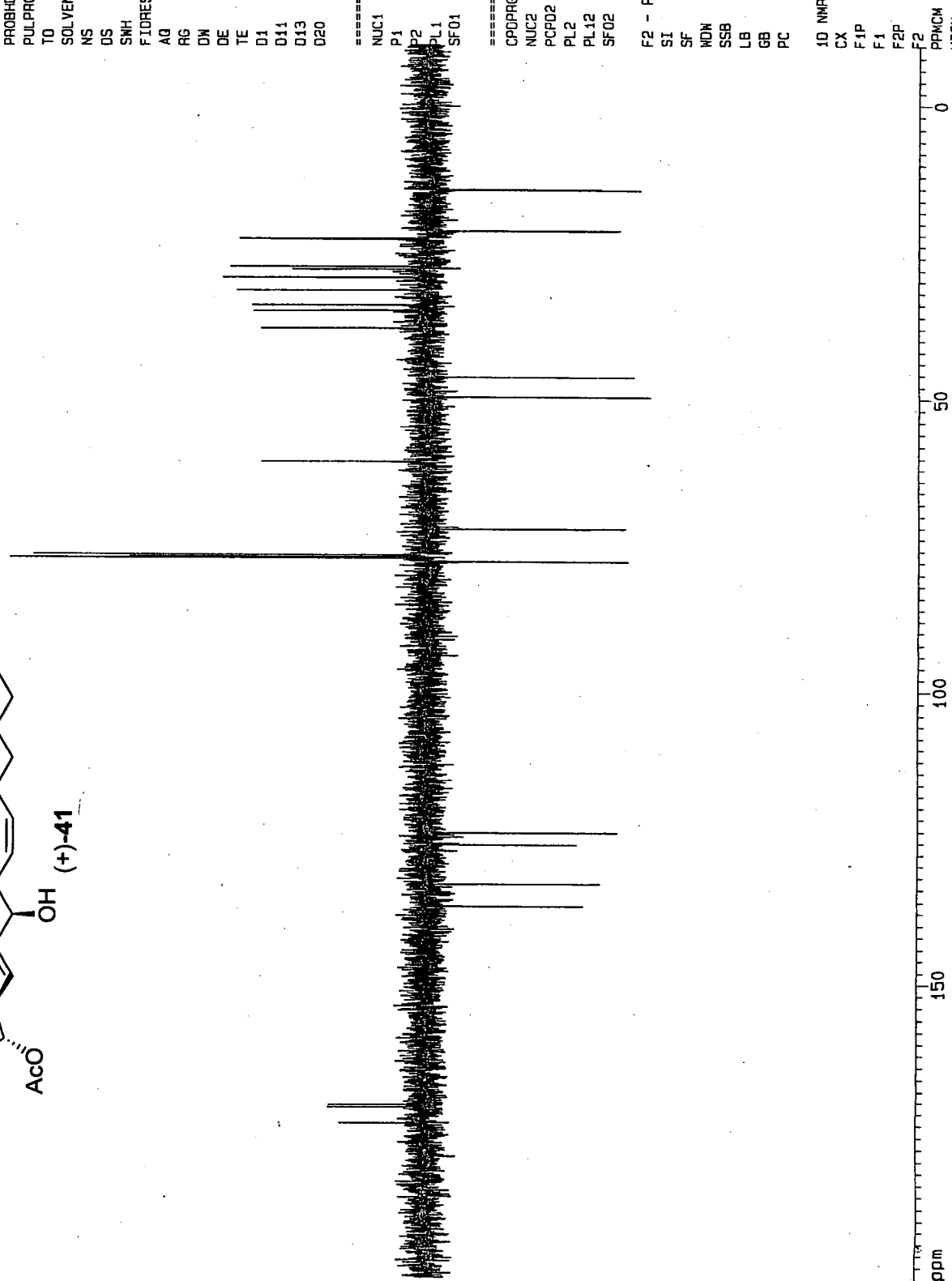
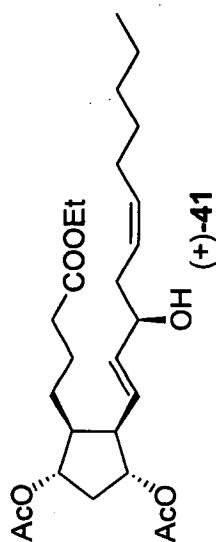
===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 95.00 usec
 PL2 120.00 dB
 PL12 18.00 dB
 SF02 400.1320007 MHz

F2 - Processing parameters

SI 32768
 SF 100.6127526 MHz
 NDN EN
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters

CX 20.00 cm
 F1P 200.000 ppm
 F1 20122.55 Hz
 F2P -10.000 ppm
 F2 -1006.13 Hz
 PPMCM 10.50000 ppm/cm
 HZCM 1056.43396 Hz/cm



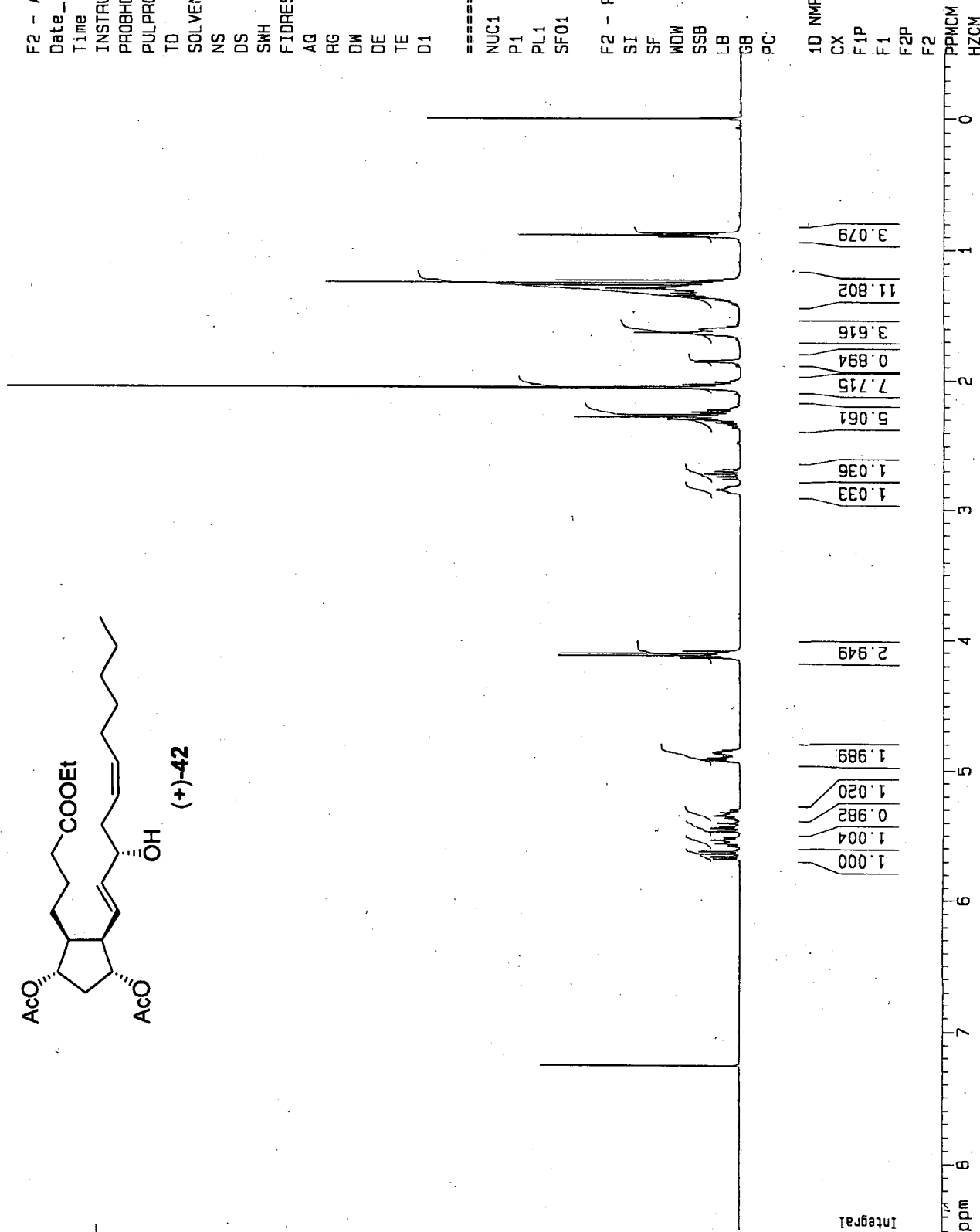
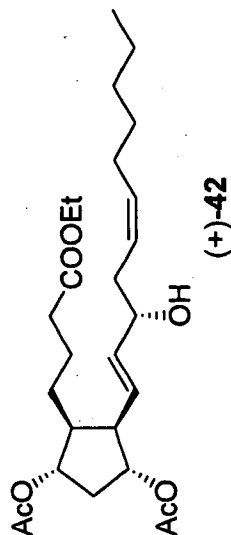
Current Data Parameters
 NAME xm-2-109f2-2
 EXPNO 10
 PROCNO 2

F2 - Acquisition Parameters
 Date_ 20020430
 Time 11.09
 INSTRUM spect
 PROBHD 5 mm QNP 1H
 PULPROG zg
 TD 32768
 SOLVENT Aceton
 NS 8
 DS 0
 SWH 5592.841 Hz
 FIDRES 0.170680 Hz
 AQ 2.9295092 sec
 RG 57
 DW 89.400 usec
 DE 4.50 usec
 TE 300.0 K
 D1 5.0000000 sec

===== CHANNEL f1 =====
 NUC1 1H
 P1 9.00 usec
 PL1 0.00 dB
 SF01 400.1320007 MHz

F2 - Processing parameters
 SI 16384
 SF 400.1300054 MHz
 WDW EM
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 F1P 8.500 ppm
 F1 3401.10 Hz
 F2P -0.500 ppm
 F2 -200.07 Hz
 PPMCM 0.45000 ppm/cm
 HZCM 180.05850 Hz/cm



Current Data Parameters
NAME xm-2-109f2-2
EXPNO 40
PROCNO 2

F2 - Acquisition Parameters

Date_ 20020430
Time 11.17
INSTRUM spect
PROBHD 5 mm QNP 1H
PULPROG jvert
TD 65536
SOLVENT CDCl3
NS 384
DS 0
SWH 27173.912 Hz
FIDRES 0.414641 Hz
AQ 1.2059124 sec
RG 11585.2
DM 18.400 usec
DE 4.50 usec
TE 300.0 K
D1 6.00000000 sec
D11 0.03000000 sec
D13 0.00000300 sec
D20 0.00700000 sec

===== CHANNEL f1 =====

NUC1 13C
P1 10.50 usec
P2 21.00 usec
PL1 0.00 dB
SF01 100.6242995 MHz

===== CHANNEL f2 =====

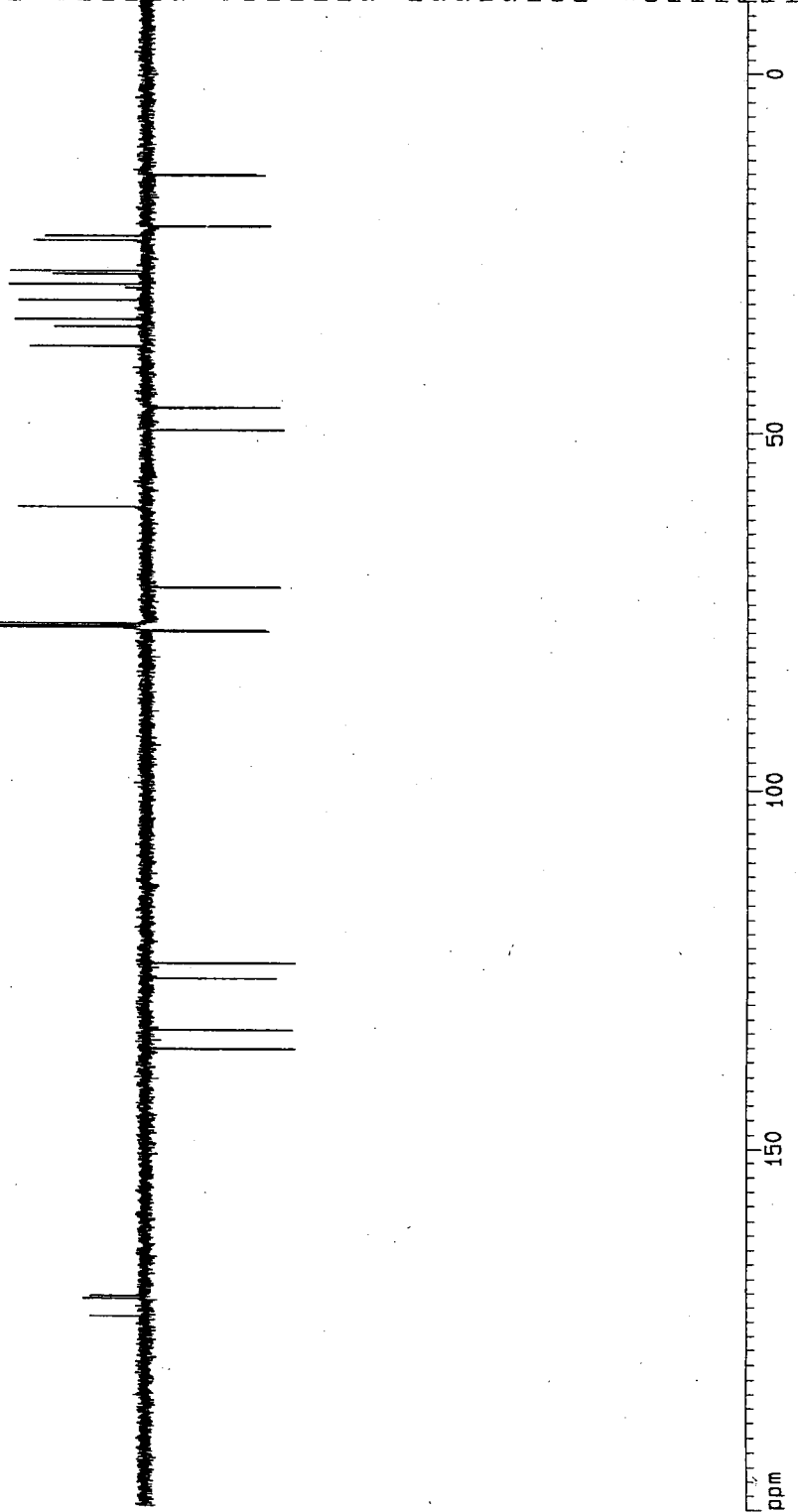
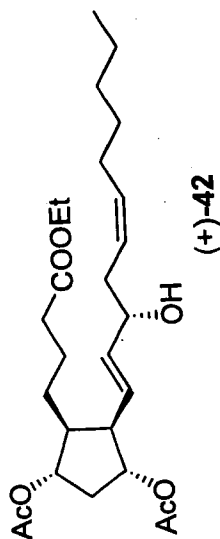
CPDPRG2 waltz16
NUC2 1H
PCPD2 95.00 usec
PL2 120.00 dB
PL12 18.00 dB
SF02 400.1320007 MHz

F2 - Processing parameters

SI 32768
SF 100.6127501 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.00

1D NMR plot parameters

CX 20.00 cm
F1P 200.000 ppm
F1 20122.55 Hz
F2P -10.000 ppm
F2 -1006.13 Hz
PPMCM 10.50000 ppm/cm
HZCM 1056.43384 Hz/cm



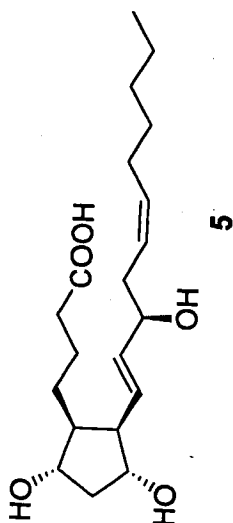
Current Data Parameters
 NAME xm-2-113
 EXPNO 10
 PROCNO 2

F2 - Acquisition Parameters
 Date_ 20011129
 Time 12.44
 INSTRUM spect
 PROBD 5 mm QNP 1H
 PULPROG zg
 TD 32768
 SOLVENT COC13
 NS 32
 DS 0
 SWH 5592.841 Hz
 FIDRES 0.170680 Hz
 AQ 2.9295092 sec
 RG 90.5
 DM 89.400 usec
 DE 4.50 usec
 TE 300.0 K
 D1 5.00000000 sec

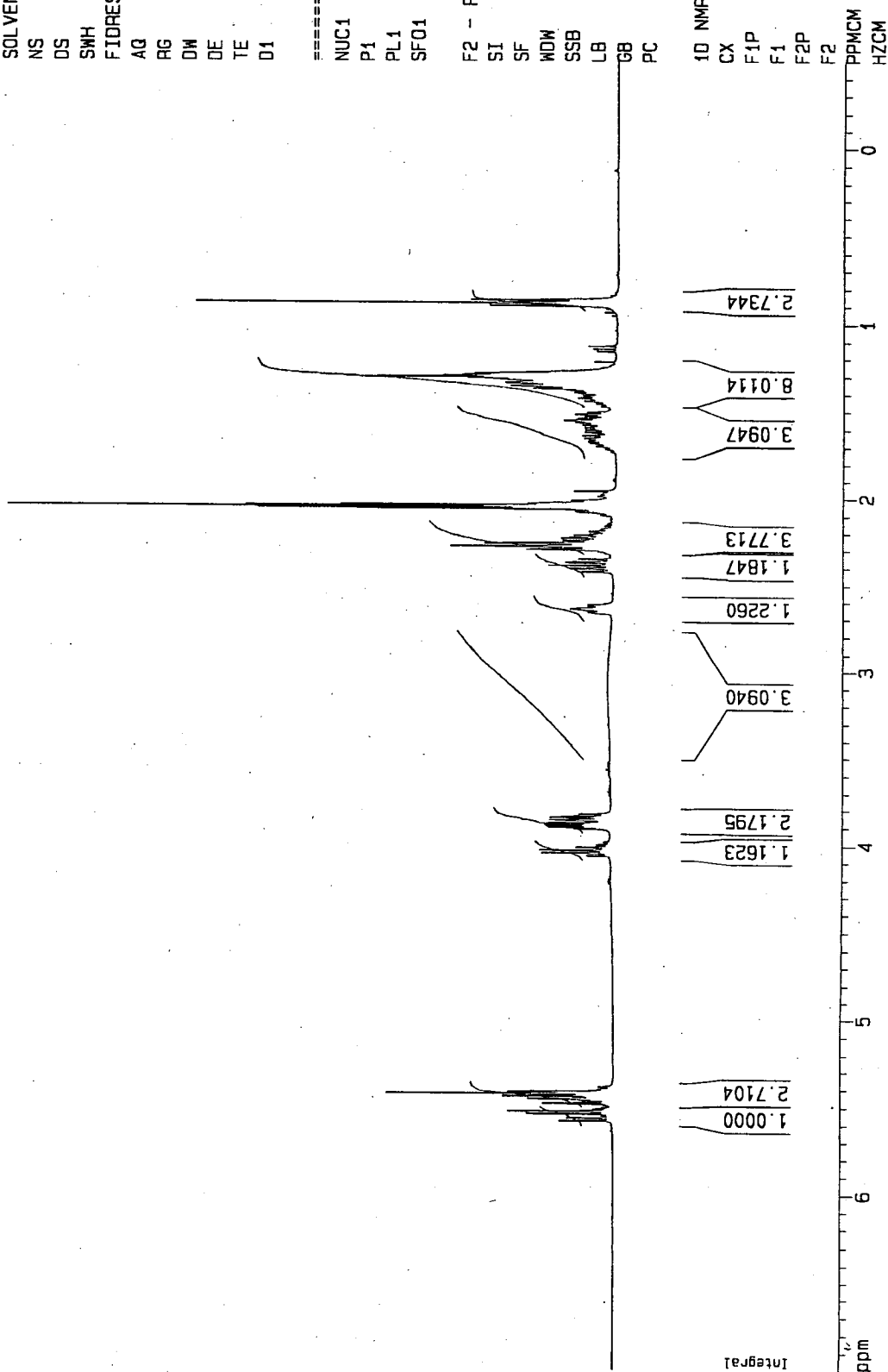
===== CHANNEL f1 =====
 NUC1 1H
 P1 9.00 usec
 PL1 0.00 dB
 SF01 400.1320007 MHz

F2 - Processing parameters
 SI 16384
 SF 400.1300054 MHz
 WDW EM
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 F1P 7.000 ppm
 F1 2800.91 Hz
 F2P -0.500 ppm
 F2 -200.07 Hz
 PPMCM 0.37500 ppm/cm
 HZCM 150.04875 Hz/cm



5



8L-5

Current Data Parameters
NAME xm-f-187
EXPNO 40
PROCNO 2

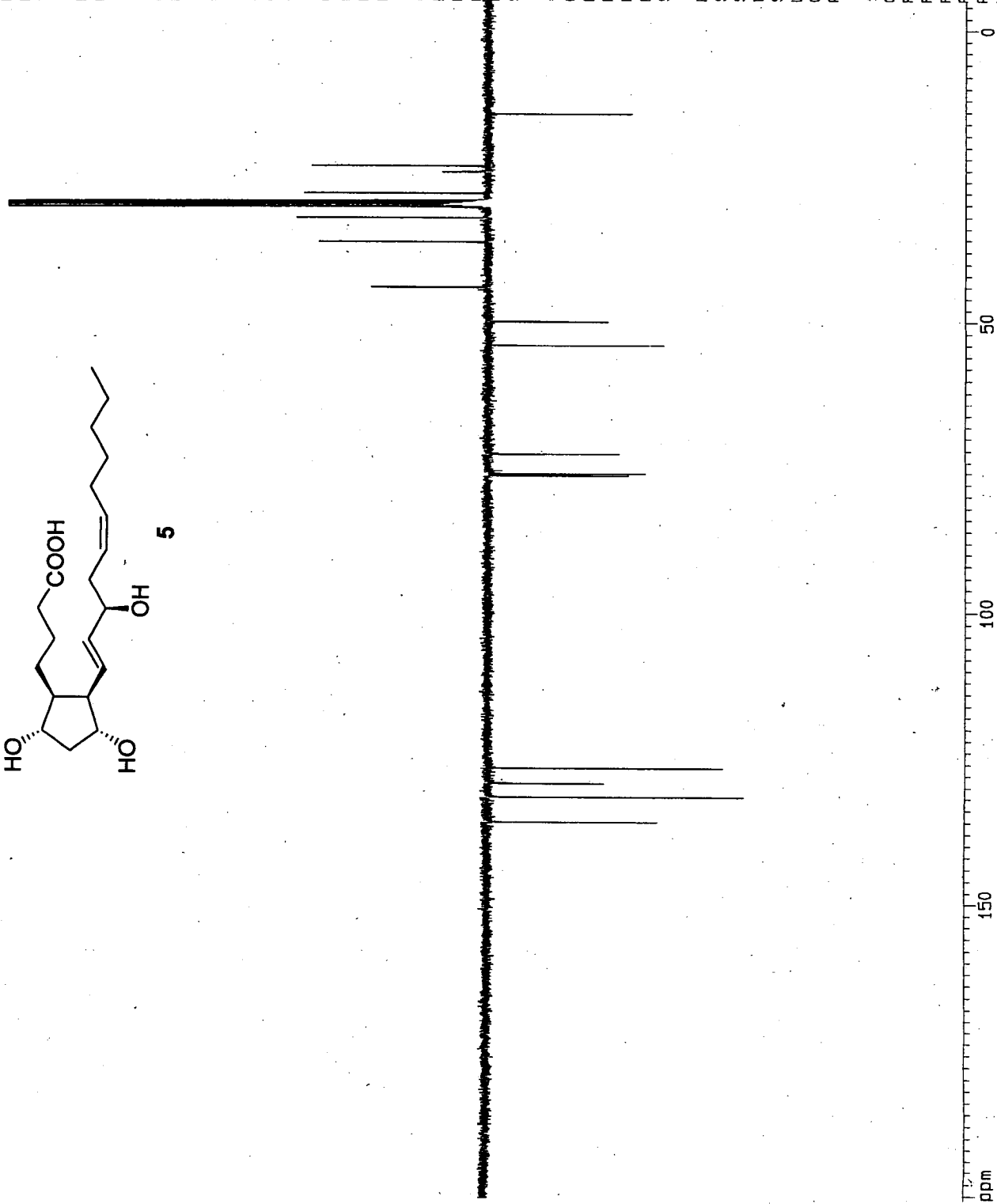
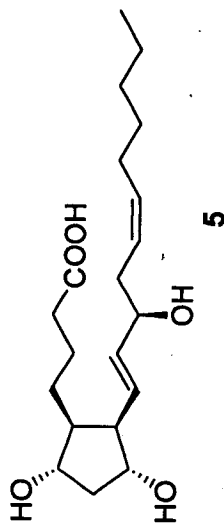
F2 - Acquisition Parameters
Date_ 20010911
Time 21.41
INSTRUM spect
PROBHD 5 mm QNP 1H
PULPROG jvert
TD 65536
SOLVENT CDCl3
NS 4000
DS 0
SWH 27173.912 Hz
FIDRES 0.414641 Hz
AQ 1.2059124 sec
RG 6502
DN 18.400 usec
DE 4.50 usec
TE 300.0 K
D1 6.00000000 sec
D11 0.03000000 sec
D13 0.00000300 sec
D20 0.00700000 sec

===== CHANNEL f1 =====
NUC1 13C
P1 10.50 usec
P2 21.00 usec
PL1 0.00 dB
SF01 100.6242995 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 95.00 usec
PL2 120.00 dB
PL12 18.00 dB
SF02 400.1320007 MHz

F2 - Processing parameters
SI 32768
SF 100.6126745 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.00

1D NMR plot parameters
CX 20.00 cm
F1P 200.750 ppm
F1 20198.01 Hz
F2P -5.043 ppm
F2 -507.40 Hz
PPMCM 10.28966 ppm/cm
HZCM 1035.27026 Hz/cm





Current Data Parameters	
NAME	xm-2-115
EXPNO	10
PROCNO	2

F2 - Acquisition Parameters

Date_	20011129
Time	15.42
INSTRUM	spect
PROBHD	5 mm GNP 1H
PULPROG	zg
TD	32768
SOLVENT	Aceton
NS	6
DS	0
SWH	5592.841 Hz
FIDRES	0.170680 Hz
AQ	2.9295092 sec
RG	90.5
DW	89.400 usec
DE	4.50 usec
TE	300.0 K
D1	5.00000000 sec

===== CHANNEL f1 =====

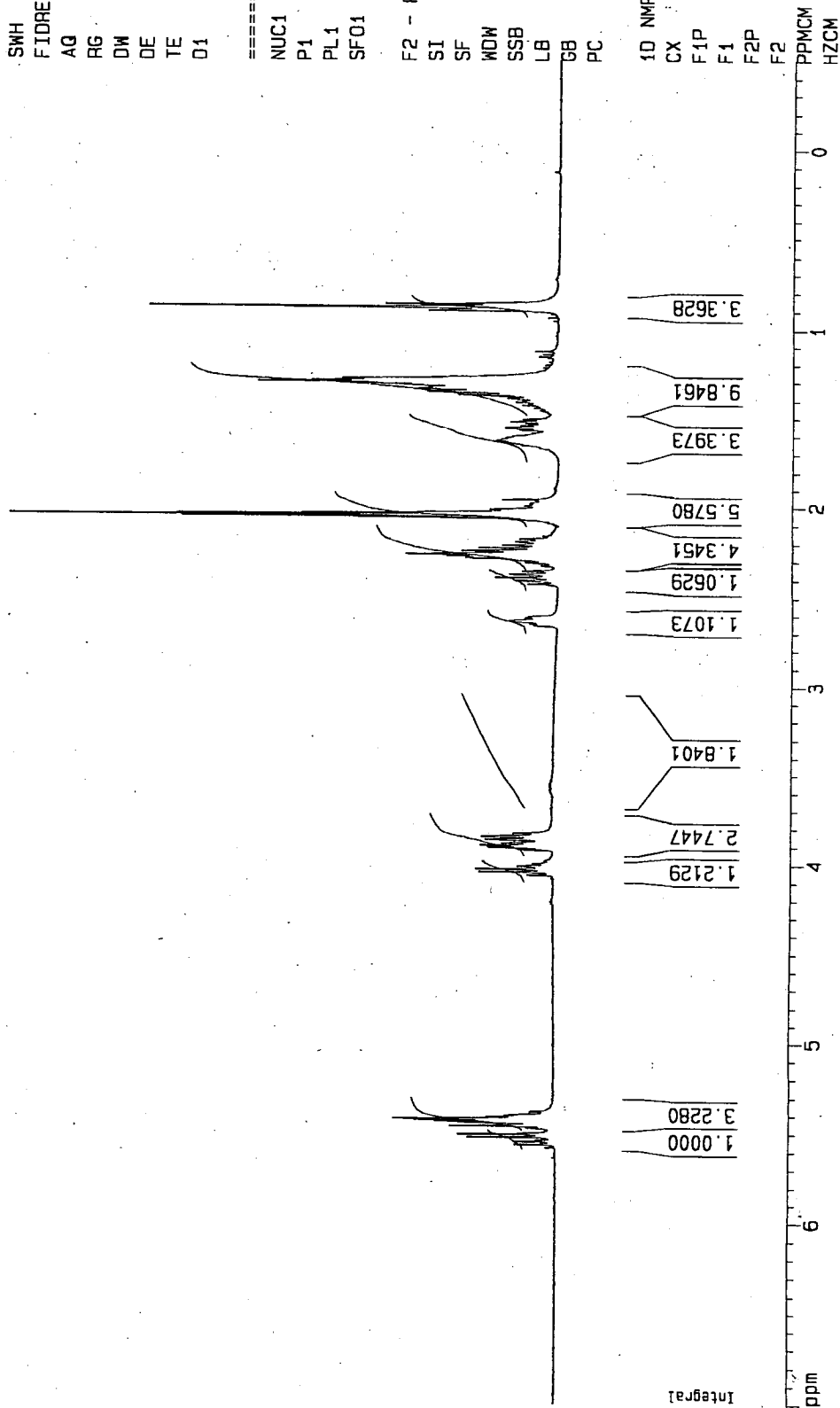
	1H
NUC1	9.00 usec
P1	0.00 dB
PL1	400.1320007 MHz
SF01	

F2 - Processing parameters

SI	16384
5F	400.1300054 MHz
WDW	EM
SSB	0
B	0.00 Hz
GB	0
PC	1.00

2D NMR plot parameters

100°C	20.00° cm	
110°C	7.000 ppm	
120°C	2800.91 Hz	
130°C	-0.500 ppm	
140°C	-200.07 Hz	
150°C	0.37500 ppm/cm	PPMCM
160°C	150.04875 Hz/cm	HZCM



F2 - Acquisition Parameters

Date_	20011002
Time	20.44
INSTRUM	spect
PROBHD	5 mm QNP 1H
PULPROG	jvert
TD	65536
SOLVENT	CDCl3
NS	6400
DS	0
SMH	27173.912 Hz
FIDRES	0.414641 Hz
RG	1.2059124 sec
RG	6502
WDW	18.400 usec
DE	4.50 usec
TE	300.0 K
D1	6.0000000 sec
D11	0.0300000 sec
D13	0.0000030 sec
D20	0.0070000 sec

CHANNEL f1 =====

NUC1	13C
P1	10.50 usec
P2	21.00 usec
PL1	0.00 dB
SF01	100.6242995 MHZ

===== CHANNEL f2 =====

CPDPAG2	waltz16
NUC2	1H
PCPD2	95.00 usec
PL2	120.00 dB
PL12	18.00 dB
SF02	400.1320007 MHz

F2 - Processing parameters

SI	32768
SF	100.6126737 MHz
WDW	EM
SSB	0
LB	1.00 Hz
GB	0
PC	1.00

1D NMR plot parameters

CX	20.00 cm
F1P	193.991 ppm
F1	19517.94 Hz
2P	-7.803 ppm
2	-785.12 Hz
PPMCM	10.08971 ppm/
HZCM	1015.15295 Hz/c

